

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY **REGION III**

1650 Arch Street Philadelphia, Pennsylvania 19103-2029

PFE ORIGINAL

CERTIFIED MAIL RETURN RECEIPT REQUESTED

October 31, 2005

Mr. Larry Harmon Plant Manager Safety Light Corporation 4150-A Old Berwick Road Bloomsburg, PA 17815

Safety Light Corporation Superfund Site

July 2005 Sampling of Residential Well, RW-1

Dear Mr. Harmon:

The purpose of this letter is to provide you with the results from the sampling of the n residential well located on the Safety Light Site on July 19, 2005.

The attached results do not indicate an exceedance of any drinking water standards. However, past results on this well have indicated exceedances. I recommend the continued use of bottled water if the residence will be used by contractors working at the Site.

The water from the well was analyzed for a large list of potential chemicals which included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, Polychlorinated Biphenyls (PCBs), metals, and radiological parameters. Attached is a table summarizing the list of chemicals that have been analyzed and the results. If there is a U in the last column, this means that the chemical was undetected. A table explaining the other qualifiers is attached.

EPA intends to sample the water again this November to take into account seasonal variations and its impact on the groundwater. If you have any questions about these results or other matters related to the Site, please call me at (215) 814-3195 or email me at dietz.linda@epa.gov.

Sincerely,

· Linda Dietz

Remedial Project Manager

Eastern Pennsylvania Remedial Section

U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided) 1660 OFFICIAL PFE Mr. Larry Harmon 9019 Plant Manager Safety Light Corporation 000 4150-A Old Berwick Road Bloomsburg, PA 17815 Re: Safety Light Corporation Superfund Site 0510 July 2005 Sampling of Residential Well, 7002 Ŝŧ City, State, ZIP+4 PS Form 3800, January 2001 See Reverse for Instructions

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(6) (6) BLOOMSBURG, PENNSYLVANIA

Sample ID:		R	W	aT.
Sample Date:		07/19		
Duplicate:		07710	700	+
				t
		RESU	LT	+
TOTAL INORGANICS			y/L	
Antimony				ι
Arsenic Barium		0.	18	
Beryllium		2	9.5	Γ
Cadmium			1	L
Chromium		ļ		Ū
Cobalt			26	
Copper		0.0		В
Lead			32	_
Manganese			2	
Mercury			8	
Nickel		0	.2	U
Selenium		0.8		
Silver .			5	
Thallium		0.03	-	
Vanadium			1	
Zinc		0.0		<u> </u>
Cyanide		10.		
	+		0 1	JL
RADIOCHEMISTRY		Doi/	+	_
Alpha		pci/l 0.73		_
Beta		1.5		
		7.50	4	
Am241		0.0956	;	
Ba140		10.8	-	_
Bi214		44.9		_
Co60		2.23		
Cs137		2.99		
131 (40		3.74	Ū	٦
Pb210		21.7	Ū	7
Pb212		595	U	1
Pb214		NA		7
Ra226		49.4	J	7
		62.3	U	٦
Ra228(gamma)		14.5		1
3 .				7
		19100		1
a228				
		0.101		1
r89				1
90		-0.608		ı
		0.483		ı
1227			_	l
1228		0.0162		ı
230		0.0292		[
1232		0.0131		ĺ
	1	O.		

Sample ID:		RW1	_
Sample Date:		07/19/05	
Duplicate:		01/10/00	
		+	
		RESULT	
SEMIVOLATILES		ug/L	
1,1'-Biphenyl			
1,2,4,5-Tetrachlorobenzene		5	
2,2-Oxybis(1-chloropronane)			
2,4,5-Trichlorophenol		5	
2,4,6-Trichlorophenol		20 1	
2,4-Dichlorophenol		5 (
2,4-Dimethylphenol			-
2,4-Dinitrophenol		5 L 20 L	
2,4-Dinitrotoluene			_
2,6-Dinitrotoluene		5 L	
2-Chloronaphthalene		5 U	
2-Chlorophenol		5 0	_
2-Methylnaphthalene		5 U	
2-Methylphenol		5U	4
2-Nitroaniline	+	5U	4
2-Nitrophenol		20 U	4
3,3'-Dichlorobenzidine		5 U	4
3-Nitroaniline		5U	4
4,6-Dinitro-2-methylphenol		20 U	-1
14-Bromophenyl Phenyl Ethor		20 U	
4-Chioro-3-methylphenol		5U	1
4-Chloroaniline		5U	1
4-Chlorophenyl Phenyl Ether		5 U	1
4-Methylphenol		5 U	1
4-Nitroaniline		5 U	ı
4-Nitrophenol		20 U	ı
Acenaphthene		20 U	
Acenaphthylene		5 U	ı
Acetophenone		5 U	
Anthracene		5 U	
Atrazine	-+	5 U	
Benz(a)anthracene		5 U	
Benzaldehyde		5U	
Benzo(a)pyrene		5 U	
Benzo(b)fluoranthene		5U	
Benzo(g,h,i)perviene		5 U	
Benzo(k)fluoranthene		5 U	
Bis(2-chloroethoxy)methano		5 U	
BIS(2-ethylhexyl)phthalate	+	. 5 U	
BIS-(2-chioroethyl) Filher		5 U	
Butylbenzylphthalate	+	5 U	
Caprolactam	+	5 U	
Chrysene	+	5 U	
Di-n-butylphthalate	-	5 U	
Di-n-octylphthalate	 	5 U	
Dibenz(a,h)anthracene		5 U	
Dibenzofuran	ļ	5 U	
Diethylphthalate	<u> </u>	5 U	
Dimethylphthalate		5 U	
- Securitaries		5 U	

Sample ID:	7	RW	1
Sample Date:		07/19/0	
Duplicate:			+
	.		+-
CI.		RESULT	╌
Fluoranthene			Ú
Fluorene			Ü
SEMIVOLATILES (Cont)		ug/L	
Hexachlorobenzene			U
Hexachlorobutadiene			U
Hexachlorocyclopentadiene			Ü
Hexachloroethane			Ü
Indeno(1,2,3-cd)pyrene			U
Isophorone		5	
N-Nitroso-di-n-propylamine		5	
N-Nitrosodiphenylamine (1)		5	
Naphthalene		5	
Nitrobenzene		5	
Pentachlorophenol		5	
Phenanthrene Phenol	1	5	
		5 (
Pyrene		5 1	_
DESTIGIES			-
PESTICIDES/PCBS 4,4'-DDD		ug/L	-1
4,4'-DDE		0.02 L	Н
4,4'-DDT		0.02 U	Н
Aldrin		0.02 U	
Alpha-BHC		0.01 U	
Alpha-Chlordane		0.01 U	1
Beta-BHC		0.01 U	7
Delta-BHC		0.01 U	7
Dieldrin		0.01 U	1
Endosulfan I		0.02 U	1
Endosulfan II		0.01 U	1
Endosulfan Sulfate		0.02 U	1
Endrin		0.02 U	1
Endrin Aldehyde		0.02 U	1
Endrin Ketone		0.02 U	1
Gamma-BHC (Lindane)		0.02 U	1
Gamma-Chlordane		0.01 U	
Heptachlor		0.01 U	
leptachlor Epoxide).01 U	
Methoxychlor).01 U	
oxaphene	ļ	0.1 U	
roclor-1016	<u> </u>	1 U	
roclor-1221	,	0.2 U	
roclor-1232		0.4 U	
roclor-1242		0.2 U	
rocior-1248		0.2 U	
roclor-1254).2 U	
roclor-1260).2 U	
	0).2 U	

Sample Date:	RW1 07/19/05	SEMIVOLATILES	ug/L	0-10-1		A	
Duplicate:	01/19/08	1,1'-Biphenyl	5 U	SEMIVOLATILES (Con't)	I and	T	
	-	1,2,4,5-Tetrachiorobenzene		mexachiorobenzene	ug/L	VOLATILES	110/
	-	2,2-Oxybis(1-chloropropose)	_ 5 U	Hexachlorobutadiene	5 U	1,1,1-Trichloroethane	ug/L
VOLATILES	RESULT	2,4,5-Trichlorophenol	5 U	Hexachlorocyclopentacione	5 U	1.1.2.2-Tetrachioroethane	0.5
1,1,1-Trichloroethano	ug/L		20 U	Hexachloroethane	5 U	11,1,2-Trichloro-1 2 2-trifluoro-th-	0.5
1,1,2,2-Tetrachloroethane	0.5 U				5 U	1,1,2-Trichloroethane	0.5
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U				 	The state of the s	0.5
1,1,2-Trichloroethane	0.5 U						
1,1-Dichloroethane	0.5 U						
1,1-Dichloroethene	0.5 U						
1,2,3-Trichlorobenzene	0.5 U						
1,2,4-Trichlorobenzene	0.5 U						
1.2-Dibrome 2	0.5 U						
1,2-Dibromo-3-chloropropane 1,2-Dibromoethane	0.5 U						
1,2-Dichlorobenzene	0.5 U						-
1.2 Dichiorobenzene	0.5 U						
1,2-Dichloroethane	0.5 U					-	
1,2-Dichloroethene (cis)	0.5 U		1				
1,2-Dichloroethene (trans)	0.5 U		T				
1,4-Dichioropropage	0.5 U		 				
1,3-Dichlorobenzene	0.5 U		† -				
1,4-Dichlorobenzene			 				
2-Butanone	0.5 U		 				
2-Hexanone	5 U		 				
1-Methyl-2-pentanone	5 U						
cetone	-5 U		<u> </u>				
Benzene	2.7 B						
Bromochloromethane	0.5 U						
romodichloromethane	0.5 U						
romoform	0.5 U						
romomethane .	0.5 U						
arbon Disulfide	0.5 U	•					
arbon Tetrachloride	0.5 U						
hlorobenzene	0.5 U						
hloroethane	0.5 U						
hloroform	0.5 U						
nioromethane	0.5 U						
s-1,3-Dichloropropene	0.5 U						
clohexane	0.5 U						
cionexane	0.5 U	`					
promochloromethane	0.5 U		-				
chlorodifluoromethane	0.5 UJ						
ylbenzene	0.5 U						
propylbenzene	0.5 U						
thyl Acetate	0.5 U						
thyl Tert-butyl Ether	0.5 U						
hylcyclohexane	0.5 U						
hylene Chloride							
ene	0.33 B						
achloroethene	0.5 U						
lene	0.5 U						
s-1,3-Dichloropropene	0.5 U						
Norgethene	0.5 ป						-
hiorofluoromethane	0.5 U						
Chloride	0.5 U				-		
	0.5 U						
			1				1. 7

Sample ID:	- LINSTLVANIA
Sample Date: RW1 SEMIVOLATIL	
Duplicate: 07/19/05 1,1'-Biphenyl	Ug/L SEMIVOLATILES (Contr.)
1,2,4,5-Tetrachl	Hexachlorohenzene UVI ATU EC
2,Z-Oxybis(1-ct	pane) 5 U Hexachlorobutadiene 5 U 1,1,1-Trichloroethane ug/L
Xylene (Total) RESULT 2,4,5-Trichlorop	nexachlorocyclopentadiene 5U 1,1,2,2-Tetrachloroethane 0.5 U
0.0 0	20 0 Rexachloroethane 510 1.1,2-Trichloro-1,2-2-trifluoroethane 0.5 0
	5 U 1,1,2-Trichloroethane 0.5 U
	0.50

GLOSSARY OF DATA QUALIFIERS

CODES RELATED TO IDENTIFICATION

(confidence concerning presence or absence of compounds)

U = Not detected. The associated number indicates approximate sample concentration necessary to be detected.

NO CODE = Confirmed identification

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unusable results. Analyte may or may not be present in the sample. Supporting data necessary to confirm.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

CODES RELATED TO QUANTITATION

(can be used for both positive results and sample quantitation limits)

J = Analyte present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.

UJ = not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

OTHER CODES

NJ = Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

Q = No analytical result.

U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only: No Insurance Coverage Provided) Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site July 2005 Sampling of Residential Well,

Sueer, Apt. No., or PO Box No.

1653

9019

0.003

0570

7002

City, State, ZIP+4

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IMPORTANT: Save this receipt and present it when making an inquiry.

PS Form 3800, January 2001 (Reverse)

102595-02-M-0452



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION III

1650 Arch Street Philadelphia, Pennsylvania 19103-2029

October 31, 2005

CERTIFIED MAIL RETURN RECEIPT REQUESTED

(b) (6) Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site

July 2005 Sampling of Residential Well, RW-2

Dear (b) (6)

The purpose of this letter is to provide you with the results from the sampling of your home well on July 19, 2005.

The water from your home was analyzed for a large list of potential chemicals which included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, Polychlorinated Biphenyls (PCBs), metals, and radiological parameters. Attached is a table summarizing the compounds that were analyzed and the result for each compound. The compounds listed in the attached table with a U in the last column were **not** detected in your water.

EPA has compared your results with MCLs, which are the maximum contaminant levels allowed in a public water supply and the results have also been reviewed by an EPA toxicologist. EPA has determined that your results are below MCLs. In general, only low levels of sporadic chemicals were detected. Based on this data set, EPA believes your water is safe for use.

EPA intends to sample the water from your home again this November to take into account seasonal variations and its impact on the groundwater. If you have any questions about these results or other matters related to the Site, please call me at (215) 814-3195 or email me at dietz.linda@epa.gov. Thank you for your continued support during our sampling efforts.

Sincerely,

Linda Dietz

Remedial Project Manager

Eastern Pennsylvania Remedial Section

BLO/		_
BLOOMSBURG,	DEMNIOVI	
	LIMINOTE	νανιδ

Sample ID: Sample Date:			RW:	2	RW2-	יוום	ğΤ
Sample Date:	<u> </u>		9/04		07/1		
Duplicate:		RW2	DUF	•		W.	-1
ļ`————				1	-		+
TOTAL INORGANICS		RES	ULT		RES	JLI	rt
Antimony			ug/L			g/L	+
Arsenic			2	U			2/1
Barium			0.26		C	.23	
Beryllium			37.3		3	7.2	Ť
Cadmium				UL		1	ι
Chromium		 		U		1	Ī
Cobalt			0.28	_	0	.28	Ε
Copper			0.06	В	0.0	83	E
Lead			1.5		1:	5.6	Γ
Manganese			.85			1	J
Mercury			:18		0.	23	B
Nickel			0.2		().2	ũ
Selenium		0	.34			32	
Silver			5			54	
Thallium		0.0	33	В		1	_
Vanadium			1 (1	
Zinc			84	3		1 1	
Cyanide		42	2.6		52		=
7			10 L	JL	1	Ol	ī
RADIOCHEMISTRY				\perp		7	_
Alpha		pci			pci/	L	_
Jeta		0.19			0.67		_
		1.5	55		4.		_
m241					-	7	_
a140		-0.027	' 5		0.021	4	_
1214			6 U	Ţ	11.		-
060			6 J		89.5		-
s137		2.3	9 U	T	2.45		_
31		3.	1 U	T	3.36		_
40		4.	1 U	1	3.93		-
210		13.0	6		24.8		-
212) U		680		-
214		2.20	3	T	NA		_
226		81.2	2 J	T	98.4		٦
228(gamma)		66.4		1	70.8		1
ezo(ganina)		16.6	U	1	16.4		1
						_	1
		520		T	430	_	1
228							1
		0.27			-0.273	_	1
9							1
0		-0.0159			0.529		Í
		0.293		(0.00564		ı
27						_	l
20		0.012			0.029		
30		0.00337			0.0561	\dashv	
32		0.0253			0.0103	\dashv	
<u> </u>		0			0		
	1		-+				



Sample Date:	RW2		7
Duplicate:	07/19/05	07/19/04	
	RW2-DUP	RW:	
0.5	RESULT		I
SEMIVOLATILES	ug/L	RESULT	L
1,1'-Biphenyi		ug/L	
1,2,4,5-Tetrachlorobenzene	5		L
14,4-UXVDIS(1-chioronman-)	5		U
14,4,3- I (ichiorophenoi	5		U
2,4,6-Trichiorophenol	20		
2,4-Dichlorophenol	5		
2,4-Dimethylphenol	5 1		
2,4-Dinitrophenol			
2,4-Dinitrotoluene	20 t		
2,6-Dinitrotoluene	5 (·	
2-Chloronaphthalene			
2-Chlorophenol	5 U		
2-Methylnaphthalene	5 U		
2-Methylphenol	5 U		
2-Nitroaniline	20 U	3/0	
2-Nitrophenol	5 U	2010	_
3,3'-Dichlorobenzidine	5 U	5 U	_
3-Nitroaniline	20 U	5 U	
4,6-Dinitro-2-methylphenol	20 UL	20 U	_
4-Bromophenyl Phenyl Ether	5 U	2010	L
4-Chloro-3-methylphenol	5 U	5 U	4
4-Chloroaniline	5 U	5 U	4
4 Chlorophenyl Phenyl Ether 4 Methylphenol	5 U	5 U	4
4-Nitroaniline	5 U	5 U	4
4-Nitrophenol	20 U	5 U	1
Acenaphthene	20 U	20 U	1
cenaphthylene	5 U	20 U	1
Acetophenone	5 U	5 U	l
Inthracene	5 U	5U	l
trazine	5 U	5 U	
enz(a)anthracene	5 U	5 U	
enzaldehyde	5 U	5 U	
enzo(a)pyrene	5 U		
enzo(b)fluoranthene	5 U	5 U 5 U	
enzo(g,h,i)perylene	5 U	5 U	
enzo(k)fluoranthene	5 U	5 U	
s(2-chloroethoxy)methane	5 U	5 U	
(2-ethylheyyl)nhthalata	5 U	5 0	
s-(2-chloroethyl) Ether	5 U	5 U	
tylbenzylphthalate	5 U	5 U	
prolactam	5 U	5 U	
rysene	5 U	5 U	
n-butylphthalate	5 U	5 U	
n-octylphthalate	5 U	5 U	
enz/a hlanth	5 U	5 U	
enzofuran	5 U	5 U	
hylphthalate	5 U	5 U	
ethylphthalate	5 U	5 U	
7-F-III IGIGE	5 U	5 U	



Sample ID: Sample Date:		RW2	!	RW2-DUP	_
Duplicate:		07/19/05		07/19/05	-
piicale:		RW2-DUP	1	RW2	-
					_
Fluoranthene		RESULT		RESULT	-
Fluorene		5	U	5	H
SEMIVOLATILES (Cont)		5	U	5	
Hexachlorobenzene		ug/L		ug/L	~
Hexachlorobutadiene		5		5 L	ī
Hexachlorocyclopentadiene		5		5 (
Hexachioroethane		5		5 L	_
indeno(1,2,3-cd)pyrene		5		5 L	
Isophorone		5		5 U	ī
N-Nitroso-di-n-propydamine		5		5 U	_
IN-Nitrosodiphenylamine (1)		5		5 U	<u> </u>
Naphthalene		5		5 U	
Nitrobenzene		5 L		5 U	
Pentachlorophenol		5 L		5 U	
Phenanthrene		5 L		5 U	
Phenol		5		5 U	7
Pyrene		5 U		5 U	1
		5 U		5 U	7
PESTICIDES/PCBS			1		1
4,4'-DDD	•	ug/L		ug/L	1
4,4'-DDE		0.02 U		0.02 U	1
4,4'-DDT		0.02 U	1_	0.02 U	1
Aldrin		0.02 U	4	0.02 U	ı
Alpha-BHC		0.01 U		0.01 U	ı
Alpha-Chlordane		0.01 U		0.01 U	ı
Beta-BHC		0.01 U	+	0.01 U	
Delta-BHC		0.01 U	 	0.01 U	
Dieldrin		0.01 U		0.01 U	
Endosulfan i		0.02 U 0.01 U	 	0.02 U	
Endosulfan II		0.01 U		0.01 U	
Endosulfan Sulfate	+-	0.02 U		0.02 U	
Endrin	-	0.02 U	ļ	0.02 U	
Endrin Aldehyde		0.02 U		0.02 U	
Endrin Ketone	_	0.02 U		0.02 U	
Gamma-BHC (Lindane)	1-	0.02 U		0.02 U	
Samma-Chlordane		0.01 U		0.01 U	
leptachior	1.	0.01 U		0.01 U	
leptachlor Epoxide		0.01 U		0.01 U	
fethoxychlor oxaphene		0.1 U		0.01 U	
rocor 1016		1 U		0.1 U	
roclor-1016 roclor-1221		0.2 U		1 0	
roclor-1232	1	0.4 U		0.2 U	
roclor-1232 roclor-1242		0.2 U		0.4 U	
rocior-1242	T	0.2 U		0.2 U	
VVIIVI - 1 /4/5				0.2 U	
700 or 1254	1	U.Z:LI			
oclor-1254 oclor-1260		0.2 U		0.2 U	



Sample ID: Sample Date:	RW2	RW2-DUP
Duplicate:	07/19/05	07/19/05
	RW2-DUP	RW2
		7442
VOLATILES	RESULT	RESULT
1,1,1-Trichloroethane	ug/L	ug/L
1,1,2,2-Tetrachloroethane	0.36 J	0.31 J
1 1 2-Trichiere 4 2 2		0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane 1,1,2-Trichloroethane	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U
1,1-Dichloroethene	0.5 U	0.5 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U
1,2-Dichloroethane	0.5 U	0.5 U
1,2-Dichloroethene (cis)	0.5 U	0.5 U
1,2-Dichloroethene (cis)	0.5 U	0.5 U
1,2-Dichloropropane	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U
2-Butanone	0.5 U	0.5 U
2-Hexanone	5 U	5 U
4-Methyl-2-pentanone	5 U	5 U
Acetone	5 U	
Benzene	2.3 B	5U
Bromochloromethane	0.5 U	0.5 U
Bromodichioromethane	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U
Carbon Disulfide	0.5 U	0.5 U
Carbon Tetrachloride	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U
Chloroform	0.5 U	0.5 U
Chloromethane	0.5 U	0.5 U
cis-1,3-Dichioropropene	0.5 U	0.5 U
Cyclohexane	0.5 U	0.5 U
Dibromochloromethane	0.5 U	0.5 U
Dichlorodifluoromethane	0.5 U	0.5 U
Ethylbenzene	0.5 UJ	- 0.5 UJ
sopropylbenzene	. 0.5 U	0.5 U
Methyl Acetate	0.5 U	0.5 U
Methyl Tert-butyl Ether	0.5 U	0.5 U
Methylcyclohexane	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U
tyrene	0.36 B	0.37 B
etrachloroethene	0.5 U	0.5 U
oluene	0.49 J	0.54
ans-1,3-Dichloropropene	0.5 U	0.5 U
ichloroethene	. 0.5 U	0.5 U
ichlorofluoromethane	0.5 U	
nyl Chloride	0.5 U	0.5 U
- Trionde	0.5 U	0.5 U 0.5 U

DATA SUMMARY OF ANALYTICAL RESULTS BLOCK PENNSY VANIA

Sample ID: Sample Date:	RW2	RW2-DUP
Duplicate:	07/19/05	07/19/05
-product	RW2-DUP	RW2
Kylene (Total)	RESULT	RESULT
	0.5 U	0.5 L

GLOSSARY OF DATA QUALIFIERS

CODES RELATED TO IDENTIFICATION

(confidence concerning presence or absence of compounds)

U = Not detected. The associated number indicates approximate sample concentration

NO CODE = Confirmed identification

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unusable results. Analyte may or may not be present in the sample. Supporting data necessary to confirm.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

CODES RELATED TO QUANTITATION

(can be used for both positive results and sample quantitation limits)

J = Analyte present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be

L = Analyte present. Reported value may be biased low. Actual value is expected to be

UJ = not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

OTHER CODES

NJ = Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

Q = No analytical result.

U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided) Bloomsburg, PA 17815 Re: Safety Light Corporation Superfund Site July 2005 Sampling of Residential Well, R City, State, ZIP+4

PS Form 3800, January 2001

1646

9019

0003

0570

7002

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION III

1650 Arch Street Philadelphia, Pennsylvania 19103-2029

CERTIFIED MAIL RETURN RECEIPT REQUESTED

October 31, 2005

(b) (6)

Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site

July 2005 Sampling of Residential Well, RW-4

Dear (b) (6)

The purpose of this letter is to provide you with the results from the sampling of your home well on July 19, 2005. The water from your well is safe for drinking and any other use.

The water from your home was analyzed for a large list of potential chemicals which included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, Polychlorinated Biphenyls (PCBs), metals, and radiological parameters. Attached is a table listing the chemicals that were analyzed and the results. If there is a U in the last column, this means that the chemical was **not** detected. A table explaining the other qualifiers is attached.

EPA has compared your results with MCLs, which are the maximum contaminant levels allowed in a public water supply and the results have also been reviewed by an EPA toxicologist. EPA has determined that your results are below MCLs. In general, only low levels of sporadic chemicals were detected and concentrations are not high enough to present a health threat.

EPA intends to sample the water from your home again this November to take into account seasonal variations and its impact on the groundwater.

If you have any questions about these results or other matters related to the Site, please call me at (215) 814-3195 or email me at dietz.linda@epa.gov. Thank you for your continued support during our sampling efforts.

Sincerely,

Linda Dietz

Remedial Project Manager

Eastern Pennsylvania Remedial Section

bloomsburg, Pennsylvania

Sample ID:	RW4	
Sample Date:	07/19/05	
Duplicate:		
	RESULT	
TOTAL INORGANICS	ug/L	
Antimony		U
Arsenic	0.34	
Barium	31.4	
Beryllium		UL
Cadmium		U
Chromium	0.32	
Cobalt	0.062	
Copper	4.6	
Lead	0.074	
Manganese	0.3	
Mercury	0.2	
Nickel	0.36	
Selenium	1.1	
Silver		
Thallium		U
Vanadium		U
Zinc	0.097	
Cyanide	2.6	
Cyanide	10	UL
RADIOCHEMISTRY	pci/L	
Alpha	0.98	·.
Beta	1.81	<u> </u>
	1.01	
Am241	0.211	
Ba140		
Bi214	11.5	
Co60	75.7	
Cs137	2.17	
1131	3	
K40	4.06	
Pb210	21.1	
Pb212	0/3	U
Pb214	NA NA	
	78.6	
Ra226	69.8	
Ra228(gamma)	16.4	U
H3		
ns .	480	
Do220		· · · · ·
Ra228	0.505	
Sr89		
O100	0.441	
Sr90	0.351	
Th227		
	-0.0106	-
Th228	0.0252	
Th230	0.264	
Th232	0	

b) (6) BLOOMSBURG, PENNSYLVANIA

Sample ID:	RW4	
Sample Date:	07/19/05	
Duplicate:		
<u> </u>		
	RESULT	
SEMIVOLATILES	ug/L	
1,1'-Biphenyl		UL ·
1,2,4,5-Tetrachiorobenzene		U
2,2'-Oxybis(1-chloropropane)		Ū
2,4,5-Trichlorophenol	20	
2,4,6-Trichlorophenol		U
2,4-Dichlorophenol		Ū
2,4-Dimethylphenol		U
2,4-Dinitrophenol	20	
2,4-Dinitrotoluene		Ü
2,6-Dinitrotoluene		U
2-Chloronaphthalene		U
2-Chlorophenol		U
2-Methylnaphthalene		
2-Methylphenol		U
2-Nitroaniline		U
	20	
2-Nitrophenol		U
3,3'-Dichlorobenzidine		U
3-Nitroaniline	20	
4,6-Dinitro-2-methylphenol	20	
4-Bromophenyl Phenyl Ether	5	
4-Chloro-3-methylphenol	5	
4-Chloroaniline	5	
4-Chlorophenyl Phenyl Ether	5	
4-Methylphenol	5	
4-Nitroaniline	20	
4-Nitrophenol	20	
Acenaphthene	. 5	
Acenaphthylene	5	
Acetophenone	5	
Anthracene	5	U
Atrazine	5	U
Benz(a)anthracene	5	U
Benzaidehyde	5	U
Benzo(a)pyrene	5	~
Benzo(b)fluoranthene	5	U -
Benzo(g,h,i)perylene	5	
Benzo(k)fluoranthene		U .
Bis(2-chloroethoxy)methane	5	
Bis(2-ethylhexyl)phthalate	1.2	
Bis-(2-chloroethyl) Ether	5	
Butylbenzylphthalate		UL
Caprolactam		UL
Chrysene	5	
Di-n-butylphthalate		UL
Di-n-octylphthalate		UL
Dibenz(a,h)anthracene		
Dibenzofuran	5	
Diethylphthalate	5	
		UL
Dimethylphthalate	5	UL

bloomsburg, Pennsylvania

Sample ID:	RW4	
Sample Date:	07/19/05	
Duplicate:		
	RESULT	
Fluoranthene		U .
Fluorene		U
SEMIVOLATILES (Con't)	ug/L	
Hexachlorobenzene	5	U
Hexachlorobutadiene		U
Hexachlorocyclopentadiene		Ü
Hexachloroethane		U
Indeno(1,2,3-cd)pyrene		Ū
Isophorone		Ū
N-Nitroso-di-n-propylamine		Ü
N-Nitrosodiphenylamine (1)	5	
Naphthalene		U
Nitrobenzene		U
Pentachlorophenol		U
Phenanthrene	5	
Phenol		
Pyrene	5	
ryrene	5	U
PESTICIDES/PCBS	ug/L	
4.4'-DDD	0.02	11
4,4-DDE	0.02	
4,4'-DDT	0.02	
Aldrin	0.02	
Alpha-BHC	0.01	
Alpha-Chiordane	0.01	
Beta-BHC	0.01	
Delta-BHC	0.01	
Dieldrin		
Endosulfan I	0.02	
Endosulfan II		
Endosulfan Sulfate	0.02	
Endrin	0.02	
Endrin Aldehyde	0.02	
	0.02	
Endrin Ketone	0.02	
Gamma-BHC (Lindane)	0.01	
Gamma-Chiordane	0.01	
Heptachlor	0.01	
Heptachlor Epoxide	0.01	
Methoxychlor	0.1	
Toxaphene	· 1	
Aroclor-1016	0.2	
Aroclor-1221	0.4	
Aroclor-1232	0.2	
Aroclor-1242	0.2	
Aroclor-1248	. 0.2	
Aroclor-1254	0.2	U
Aroclor-1260	0.2	U

b) (6) BLOOMSBURG, PENNSYLVANIA

Sample ID:	RW4	
Sample Date:	07/19/05	
Duplicate:		
	RESULT	
VOLATILES	ug/L	
1,1,1-Trichloroethane	0.5	U
1,1,2,2-Tetrachloroethane	0.5	
1,1,2-Trichloro-1,2,2-trifluoroethane	. 0.5	U
1,1,2-Trichloroethane	0.5	U
1,1-Dichloroethane	0.5	U
1,1-Dichloroethene	0.5	U
1,2,3-Trichlorobenzene	0.5	U
1,2,4-Trichlorobenzene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U
1,2-Dibromoethane	0.5	U
1,2-Dichlorobenzene	0.5	
1,2-Dichloroethane	0.5	
1,2-Dichloroethene (cis)	0.5	
1,2-Dichloroethene (trans)	0.5	
1,2-Dichloropropane	0.5	
1,3-Dichlorobenzene	0.5	
1,4-Dichlorobenzene	0.5	
2-Butanone		U
2-Hexanone		U
4-Methyl-2-pentanone		U
Acetone		В
Benzene	0.5	
Bromochloromethane	0.5	
Bromodichloromethane	0.5	
Bromoform	0.5	
Bromomethane	0.5	
Carbon Disulfide	0.5	
Carbon Tetrachloride	0.5	
Chlorobenzene	0.5	
Chloroethane	0.5	
Chloroform	0.5	
Chloromethane	0.5	
cis-1,3-Dichloropropene	0.5	
Cyclohexane	0.5	
Dibromochloromethane	0.5	
Dichlorodifluoromethane	0.5	
Ethylbenzene	0.5	
Isopropylbenzene	0.5	
Methyl Acetate	0.5	
Methyl Tert-butyl Ether	0.5	
Methylcyclohexane	0.5	
Methylene Chloride	0.36	
Styrene	0.5	
Tetrachloroethene	0.5	
Toluene	0.5	
trans-1,3-Dichloropropene	0.5	
Trichloroethene	0.5	
Trichlorofluoromethane	0.39	
Vinyl Chloride	0.5	
	0.5	<u> </u>

BLOOMSBURG, PENNSYLVANIA

Sample ID:	 RW4	
Sample Date:	 07/19/05	
Duplicate:	 07/13/00	
Video (T. I. O	 RESULT	
Xylene (Total)	 0.5	U

GLOSSARY OF DATA QUALIFIERS

CODES RELATED TO IDENTIFICATION

(confidence concerning presence or absence of compounds)

U = Not detected. The associated number indicates approximate sample concentration necessary to be detected.

NO CODE = Confirmed identification

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unusable results. Analyte may or may not be present in the sample. Supporting data necessary to confirm.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

CODES RELATED TO QUANTITATION

(can be used for both positive results and sample quantitation limits)

J = Analyte present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.

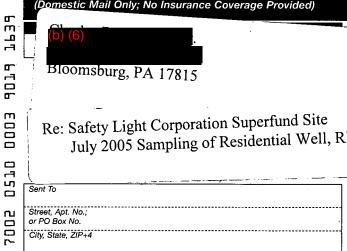
UJ = not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

OTHER CODES

NJ = Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

Q = No analytical result.



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PS Form 3800, January 2001 (Reverse)

102595-02-M-0452



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION III 1650 Arch Street

1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

October 31, 2005

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

(b) (6)
Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site

July 2005 Sampling of Residential Well, RW-5

Dear (b) (6)

The purpose of this letter is to provide you with the results from the sampling of your home well on July 19, 2005. The water from your well is safe for drinking and any other use.

The water from your home was analyzed for a large list of potential chemicals which included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, Polychlorinated Biphenyls (PCBs), metals, and radiological parameters. Attached is list of compounds that were analyzed and their results. If there is a U in the last column, this means that the chemical was **not** detected. A table explaining the other qualifiers is attached.

EPA has compared your results with MCLs, which are the maximum contaminant levels allowed in a public water supply and the results have also been reviewed by an EPA toxicologist. EPA has determined that your results are below MCLs. In general, only low levels of sporadic chemicals were detected and concentrations are not high enough to present a health threat.

EPA intends to sample the water from your home again this June to take into account seasonal variations and its impact on the groundwater. If you have any questions about these results or other matters related to the Site, please call me at (215) 814-3195 or email me at dietz.linda@epa.gov. Thank you for your continued support during our sampling efforts.

Sincerely,

Linda Dietz

Remedial Project Manager

Eastern Pennsylvania Remedial Section

BLOOMSBURG, PENNSYLVANIA

Sample ID:		RW5	
Sample Date:	07/19/0	5	
Duplicate:			
<u> </u>		1	
TOTAL INORGANICS	RESUL		
Antimony	ug/		
Arsenic		2 ا	
Barium		4 E	
	39,	9	
Beryllium Cadmium		1 (
		1 L	
Chromium		2 E	
Cobait	0.07		
Copper	179	9	
Lead		1 J	
Manganese	1.5		
Mercury	0.3	2 L	
Nickel	0.42	2 J	
Selenium	0.86	J	
Silver	1	Ü	
Thallium	1	U	
Vanadium	0.11	В	
Zinc	8.9		
Cyanide		U	
		+	
RADIOCHEMISTRY	pci/L	†-	
Alpha	0.0801		
Beta	2.44	4	
		+	
Am241	0.0339	├	
Ba140	11.9		
Bi214	44	-	
Co60			
Cs137	2.11		
131	3.12		
(40	4.21		
Pb210	22.2		
Pb212	600	U	
Pb214	NA	Ļ	
Ra226	46.4		
Ra228(gamma)	64.5		
(dezzo/gairina)	14.6	<u>U</u>	
13			
	340		
la228			
dZZ0	0.997		
r8Q ·			
100	0.491		
r90 .	-0.0888		
1007			
h227	-0.0158		
h228	0.00296		
h230	0.00445		
h232	0		
	-	-	

BLOOMSBURG, PENNSYI VANIA

Sample ID: Sample Date:	RW5
Duplicate:	07/19/05
Dupitcate.	
SEMIVOLATILES	RESULT
	ug/L
1,1'-Biphenyl	5 L
1,2,4,5-Tetrachlorobenzene	5 L
2,2-Oxybis(1-chloropropane)	5 L
2,4,5-Trichlorophenol	20 L
2,4,6-Trichlorophenol	5 L
2,4-Dichlorophenol	5 U
2,4-Dimethylphenol	5 U
2,4-Dinitrophenol	· 20 U
2,4-Dinitrotoluene	5 U
2,6-Dinitrotoluene	5 U
2-Chloronaphthalene	5 U
2-Chlorophenol	5 U
2-Methylnaphthalene	. 5 U
2-Methylphenol	5 U
2-Nitroaniline	20 U
2-Nitrophenol	5 U
3,3'-Dichlorobenzidine	5 U
3-Nitroaniline	20 U
4,6-Dinitro-2-methylphenol	20 U
4-Bromophenyl Phenyl Ether	5 U
4-Chloro-3-methylphenol	5 U
4-Chloroaniline	5 U
4-Chlorophenyl Phenyl Ether	5 U
4-Methylphenol	5 U
4-Nitroaniline	20 U
4-Nitrophenol	20 U
Acenaphthene	5 U
Acenaphthylene	5 U
Acetophenone	5 U
Anthracene	5 U
Atrazine	5 U
Benz(a)anthracene	5 U
Benzaldehyde	5 U
Benzo(a)pyrene	5 U
Benzo(b)fluoranthene	5 U
Benzo(g,h,i)perylene	5 U
Benzo(k)fluoranthene	5 U
Bis(2-chloroethoxy)methane	5 U
3is(2-ethylhexyl)phthalate	5 U
Bis-(2-chloroethyl) Ether	5 U
Butylbenzylphthalate	5 U
Caprolactam	5 U
Chrysene Chr	5 U
Di-n-butylphthalate	5 U
)i-n-octylphthalate	5 U
ibenz(a,h)anthracene	5 U
ibenzofuran	5 U
Piethylphthalate	5 U
imethylphthalate	5 U

Sample ID:	RW5	ī
Sample Date:	07/19/05	╁
Duplicate:	07718703	-
		
	RESULT	-
Fluoranthene		Ŀ
Fluorene		U
SEMIVOLATILES (Cont)		U
Hexachiorobenzene	. ug/L	-
Hexachlorobutadiene		U
Hoverhiere		U
Hexachlorocyclopentadiene	5	U
Hexachloroethane	5	
Indeno(1,2,3-cd)pyrene	5	U
Isophorone	5	U
N-Nitroso-di-n-propylamine	. 5	Ū
N-Nitrosodiphenylamine (1)	5	U
Naphthalene	5	Ū
Nitrobenzene	5	
Pentachlorophenol	5	
Phenanthrene	5	
Phenoi	5	
Pyrene		_
	5	<u>U</u>
PESTICIDES/PCBS		_
4.4'-DDD	ug/L	_
4,4-DDE	0.02	
4 4 557	0.02	-
Aldrin	0.02	
	0.01	
Alpha-BHC	0.01	
Alpha-Chlordane	0.01	J
Beta-BHC	0.01 l	J
Delta-BHC	0.01 (Ĵ
Dieldrin	0.02	j
Endosulfan i	0.01	j
Endosulfan II	0.02 (J
Endosulfan Sulfate	0.02 t	
Endrin	0.02 L	
Endrin Aldehyde	0.02 L	
Endrin Ketone	0.02 L	
Gamma-BHC (Lindane)	0.01 L	
Gamma-Chlordane	0.01 L	_
Heptachlor		
Heptachlor Epoxide	0.01 L	
Methoxychlor	0.01 U	
Toxaphene	-	
Arocior-1016	1 0	
Aroclor-1221	0.2 U	
Aroclor-1232	0.4 U	_
Aroclor-1232 Aroclor-1242	0.2 U	
Aroclor-1242 Aroclor-1248	0.2 U	
	0.2 U	
Aroclor-1254	0.2 U	
Aroclor-1260	0.2 U	╝
	· T	1

BLOOMSBURG, PENNSYLVANIA

Sample ID:	RW5	1
Sample Date:	07/19/05	Т
Duplicate:		1
		\vdash
	RESULT	T
VOLATILES	ug/L	1
1,1,1-Trichloroethane	0.5	lu
1,1,2,2-Tetrachloroethane	0.5	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	
1,1,2-Trichloroethane	0.5	
1,1-Dichloroethane	0.5	
1,1-Dichloroethene	0.5	
1,2,3-Trichlorobenzene	0.5	
1,2,4-Trichlorobenzene	0.5	
1,2-Dibromo-3-chloropropane	0.5	
1,2-Dibromoethane	0.5	
1,2-Dichlorobenzene		
1,2-Dichloroethane	0.5	
1,2-Dichloroethene (cis)		
1,2-Dichloroethene (trans)	0.5	
1,2-Dichloropropane	0.5	
1,3-Dichlorobenzene	0.5	
1,4-Dichlorobenzene	0.5	
2-Butanone	0.5	
2-Hexanone	5	<u> </u>
	5	-
4-Methyl-2-pentanone Acetone	5	
Benzene	2.3	
	0.5	
Bromochloromethane	0.5	
Bromodichloromethane	0.5	
Bromoform	0.5	
Bromomethane	0.5	
Carbon Disulfide	0.5	_
Carbon Tetrachloride	0.5	
Chlorobenzene	0.5	U
Chloroethane	0.5 (J
Chloroform	0.73	
Chloromethane	0.5	J
cis-1,3-Dichloropropene	0.5	j
Cyclohexane	0.5	J
Dibromochloromethane	0.5 L	آ
Dichlorodifluoromethane	0.5 (IJ
Ethylbenzene	0.5 L	Ţ
Isopropylbenzene	0.5 L	J
Methyl Acetate	0.5 L	J
Methyl Tert-butyl Ether	0.5	
Methylcyclohexane	0.5 L	
Methylene Chloride	0.38 B	3
Styrene .	0.5 L	Ţ
Tetrachloroethene	0.5 L	j
Toluene	0.5 U	j -
trans-1,3-Dichloropropene	0.5 U	,
Trichloroethene	0.5 U	
Trichlorofluoromethane	0.5 J	
Vinyl Chloride	0.5 U	
	0.5	

BLOOMSBURG, PENNSYLVANIA

Sample ID:	RW5
Sample Date:	07/19/05
Duplicate:	
	RESULT
Xylene (Total)	0.5 U

GLOSSARY OF DATA QUALIFIERS

CODES RELATED TO IDENTIFICATION

(confidence concerning presence or absence of compounds)

U = Not detected. The associated number indicates approximate sample concentration necessary to be detected.

NO CODE = Confirmed identification

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unusable results. Analyte may or may not be present in the sample. Supporting data necessary to confirm.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

CODES RELATED TO QUANTITATION

(can be used for both positive results and sample quantitation limits)

J = Analyte present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.

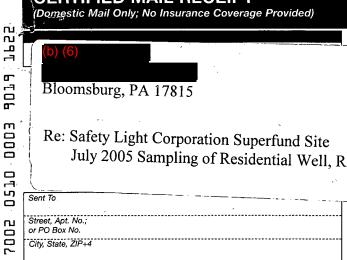
UJ = not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

OTHER CODES

NJ = Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

Q = No analytical result.



A signature upon delivery of delivery kept by the Postal Service for two years leminders: Mail may ONLY be combined with First-Class Mail or Priority Mail. Mail is not available for any class of international mail. PANCE COVERAGE IS PROVIDED with Certified Mail. For please consider Insured or Registered Mail. ditional fee, a Return Receipt may be requested to provide proof of o obtain Return Receipt service, please complete and attach a Return S Form 3811) to the article and add applicable postage to cover the rse mailpiece "Return Receipt Requested". To receive a fee waiver for e return receipt, a USPS postmark on your Certified Mail receipt is additional fee, delivery may be restricted to the addressee or ee's authorized agent. Advise the clerk or mark the mailpiece with the ment "Restricted Delivery". If a postmark on the Certified Mail receipt is desired, please present the article at the post office for postmarking. If a postmark on the Certified Mail receipt is not needed, detach and affix label with postage and mail. IMPORTANT: Save this receipt and present it when making an inquiry.

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PS Form 3800, January 2001 (Reverse)

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION III

1650 Arch Street Philadelphia, Pennsylvania 19103-2029

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

October 31, 2005

(b) (6)

Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site

July 2005 Sampling of Residential Well, RW-6

Dear (b) (6)

The purpose of this letter is to provide you with the results from the sampling of your home well on July 19, 2005. The water from your well is safe for drinking and any other use.

The water from your home was analyzed for a large list of potential chemicals which included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, Polychlorinated Biphenyls (PCBs), metals, and radiological parameters. Attached is a list of the chemicals that were analyzed and the results. If there is a U in the last column, this means that the chemical was **not** detected. A table explaining the other qualifiers is attached.

EPA has compared your results with MCLs, which are the maximum contaminant levels allowed in a public water supply and the results have also been reviewed by an EPA toxicologist. EPA has determined that your results are below MCLs. In general, only low levels of sporadic chemicals were detected. However, concentrations are not high enough to present a health threat.

EPA intends to sample the water from your home again this November to take into account seasonal variations and its impact on the groundwater. If you have any questions about these results or other matters related to the Site, please call me at (215) 814-3195 or email me at dietz.linda@epa.gov. Thank you for your continued support during our sampling efforts.

Sincerely,

Linda Dietz

Remedial Project Manager

Eastern Pennsylvania Remedial Section

Sample ID:	RW6	
Sample Date:	07/19/05	Ĺ
Duplicate:		1
		\vdash
	RESULT	-
TOTAL INORGANICS	ug/L	i
Antimony		U
Arsenic	0.27	
Barium :	35	
Beryllium	1	
Cadmium	1	U
Chromium	0.16	В
Cobalt	0.1	
Copper	282	i
Lead	0.53	J
Manganese	0.97	
Mercury	0.2	
Nickel	0.44	
Selenium		Ŭ
Silver	0.032	
Thallium		Ū
Vanadium	0.085	_
Zinc	4.6	
Cyanide		UL
		-
RADIOCHEMISTRY	pci/L	\vdash
Alpha	-0.0259	Н
Beta	2.35	
	2.00	
Am241	0.0174	
Ba140	11.7	11
Bi214	57.9	_
Co60 -	2.17	
Cs137	3.09	
1131	4.25	
K40	10.2	Ξ
Pb210	655	īΤ
Pb212	NA NA	<u> </u>
Pb214	66.9	.1
Ra226	67.4	
Ra228(gamma)	16.7	
· varra (garrina)	- 10.7	<u> </u>
H3	280	
	200	
Ra228	0.773	
	0.770	_
Sr89	-0.22	
Sr90	0.499	_
	0.705	
Th227	-0.013	
Th228	0.0218	
Th230	0.0218	
Th232	0.0102	
	0.0102	

DATA SUMMARY OF ANALYTICAL RESULTS BLOOMSBURG, PENNSYLVANIA

Sample ID:	RW6	Ĺ
Sample Date:	07/19/05	
Duplicate:		
· · · · · · · · · · · · · · · · · · ·	RESULT	L
SEMIVOLATILES	ug/L	L
1,1'-Biphenyl		U
1,2,4,5-Tetrachlorobenzene		U
2,2'-Oxybis(1-chloropropane)		U
2,4,5-Trichlorophenol	20	-
2,4,6-Trichlorophenol		U
2,4-Dichlorophenol		U
2,4-Dimethylphenol		U
2,4-Dinitrophenol	20	
2,4-Dinitrotoluene		U
2,6-Dinitrotoluene		U
2-Chloronaphthalene		U
2-Chlorophenol		U
2-Methylnaphthalene		U
2-Methylphenol		U
2-Nitroaniline	20	
2-Nitrophenol	5	U
3,3'-Dichlorobenzidine	5	U
3-Nitroaniline	20	
4,6-Dinitro-2-methylphenol	20	U
4-Bromophenyl Phenyl Ether	5	U
4-Chloro-3-methylphenol		U
4-Chloroaniline	5	J
4-Chlorophenyl Phenyl Ether	5	U
4-Methylphenol	5	U
4-Nitroaniline	20	U
4-Nitrophenol	20	U
Acenaphthene	5	U
Acenaphthylene	5	U
Acetophenone	5	U
Anthracene	5	Ú
Atrazine	5	υ
Benz(a)anthracene	. 5	U
Benzaldehyde	5	U
Benzo(a)pyrene	5	U
Benzo(b)fluoranthene	5	U
Benzo(g,h,i)perylene	5	
Benzo(k)fluoranthene	5	_
Bis(2-chloroethoxy)methane	5	
Bis(2-ethylhexyl)phthalate	2.4	
Bis-(2-chloroethyl) Ether	- 5	••
Butylbenzylphthalate	- 5	
Caprolactam	5	
Chrysene .	5	
Di-n-butylphthalate		J
Di-n-octylphthalate	5	
Dibenz(a,h)anthracene	5	
Dibenzofuran	5	
Diethylphthalate	5	_
Dimethylphthalate	5	
Fluoranthene		Ü
Fluorene	5	_
SEMIVOLATILES (Con't)	ug/L	J

DATA SUMMARY OF ANALYTICAL RESULTS BLOOMSBURG, PENNSYLVANIA

Sample ID:	RW6	Γ
Sample Date:	07/19/05	†
Duplicate:	1	T-
	ļ	
	RESULT	
Hexachlorobenzene	5	Ü
Hexachlorobutadiene	5	U
Hexachlorocyclopentadiene	. 5	U
Hexachloroethane	5	U
Indeno(1,2,3-cd)pyrene	. 5	U
Isophorone	5	U
N-Nitroso-di-n-propylamine	. 5	U
N-Nitrosodiphenylamine (1)	5	U
Naphthalene	5	U
Nitrobenzene	5	U
Pentachlorophenol -		U
Phenanthrene ·	5	U
Phenol	5	U
Pyrene	5	U
PESTICIDES/PCBS	ug/L	
4,4'-DDD	0.02	
4,4'-DDE	. 0.02	U
4,4'-DDT	0.02	U
Aldrin	0.01	U
Alpha-BHC	0.01	U
Alpha-Chlordane	0.01	U
Beta-BHC	0.01	<u> </u>
Delta-BHC	. 0.01	
Dieldrin	0.02	_
Endosulfan I	0.01	
Endosulfan II	0.02	
Endosulfan Sulfate	0.02	
Endrin	0.02	
Endrin Aldehyde	0.02	
Endrin Ketone	0.02	-
Gamma-BHC (Lindane)	0.01	
Gamma-Chlordane	0.01	
Heptachlor	0.01	
Heptachlor Epoxide	0.01	
Methoxychlor	0.1	
Toxaphene	1	_
Aroclor-1016	0.2	
Aroctor-1221	0.4	_
Aroclor-1232	0.2	
Aroclor-1242	0.2	
Aroclor-1248	0.2	
Aroclor-1254	0.2	
Aroclor-1260	0.2	U

DATA SUMMARY OF ANALYTICAL RESULTS (b) (6) BLOOMSBURG, PENNSYLVANIA

Name	Sample ID:	RW6	
VOLATILES ug/L 1,1,1-Trichloroethane 0.5 U 1,1,2-Trichloroethane 0.5 U 1,1,2-Trichloroethane 0.5 U 1,1,2-Trichloroethane 0.5 U 1,1-Dichloroethane 0.5 U 1,1-Dichloroethane 0.5 U 1,1-Dichloroethane 0.5 U 1,2-J-Trichlorobenzene 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethene (cis) 0.5 U 1,2-Dichloroethene (cis) 0.5 U 1,2-Dichloropropane 0.5 U 1,2-Dichloropropane 0.5 U 1,2-Dichloropropane 0.5 U 1,2-Dichlorobenzene 0.5 U 1,2-Dichloropropane	Sample Date:	07/19/05	
VOLATILES ug/L 1,1,1-Trichloroethane 0.5 U 1,1,2-Trichloroethane 0.5 U 1,1,2-Trichloroethane 0.5 U 1,1,2-Trichloroethane 0.5 U 1,1,1-Dichloroethane 0.5 U 1,1-Dichloroethane 0.5 U 1,1-Dichloroethene 0.5 U 1,2,3-Trichlorobenzene 0.5 U 1,2-Trichlorobenzene 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethene (cis) 0.5 U 1,2-Dichloroptene 0.5 U	Duplicate: .		
VOLATILES ug/L 1,1,1-Trichloroethane 0.5 U 1,1,2-Trichloroethane 0.5 U 1,1,2-Trichloroethane 0.5 U 1,1,2-Trichloroethane 0.5 U 1,1,1-Dichloroethane 0.5 U 1,1-Dichloroethane 0.5 U 1,1-Dichloroethene 0.5 U 1,2,3-Trichlorobenzene 0.5 U 1,2-Trichlorobenzene 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethene (cis) 0.5 U 1,2-Dichloroptene 0.5 U			
1,1,1-Trichloroethane 0.5 U 1,1,2,2-Tertachloroethane 0.5 U 1,1,2-Trichloro-1,2,2-trifluoroethane 0.5 U 1,1,1-Dichloroethane 0.5 U 1,1-Dichloroethane 0.5 U 1,1-Dichloroberzene 0.5 U 1,2,3-Trichloroberzene 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethane (trans) 0.5 U 1,2-Dichloropenpane 0.5 U <t< th=""><th></th><th>RESULT</th><th></th></t<>		RESULT	
1,1,2,2-Tetrachloroethane 0.5 U 1,1,2-Trichloro-1,2,2-trifluoroethane 0.5 U 1,1,2-Trichloroethane 0.5 U 1,1,1-Dichloroethane 0.5 U 1,1-Dichloroethane 0.5 U 1,2,3-Trichlorobenzene 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethene (cis) 0.5 U 1,2-Dichloroethene (trans) 0.5 U 1,2-Dichloropropane 0.5 U 1,2-Dichloropropane 0.5 U 1,2-Dichlorobenzene 0.5 U 2-Butanone 5 U 4-Me	VOLATILES	ug/L	l –
1,1,2-Trichloroethane 0.5 U 1,1,2-Trichloroethane 0.5 U 1,1-Dichloroethane 0.5 U 1,1-Dichloroethane 0.5 U 1,1-Dichloroethene 0.5 U 1,2,3-Trichlorobenzene 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethene (cis) 0.5 U 1,2-Dichloroethene (trans) 0.5 U 1,2-Dichloropropane 0.5 U 1,2-Dichloropropane 0.5 U 1,2-Dichlorobenzene 0.5 U 1,2-Dichlorobenzene 0.5 U 1,2-Dichlorobenzene 0.5 U 1,3-Dichlorobenzene 0.5 U 2-Butanone 5 U 2-Butanone 5 U 2-Hexanone 5 U 4-Methyl-2-pentanone 5 U Acetone 2.5 B Benzene 0.5 U Bromochloromethane 0.5 U Bromoform 0.5 U Bromomethane 0.5 U Carbon Tetrach			
1,1,2-Trichloroethane 0.5 U 1,1-Dichloroethane 0.5 U 1,1-Dichloroethene 0.5 U 1,2,3-Trichlorobenzene 0.5 U 1,2,3-Trichlorobenzene 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethene (cis) 0.5 U 1,2-Dichloroethene (trans) 0.5 U 1,2-Dichloropropane 0.5 U 1,2-Dichloropenane 0.5 U 1,2-Dichlorobenzene 0.5 U 1,2-Dichloropenzene 0.5 U 1,2-Dichlorobenzene 0.5 U 1,2-Dichlorobenzene 0.5 U 2-Hexanone 2.5 B 2-Hexanone 2.5 B 2-Hexanone 2.5 U 2-Hexanone 2.5 U	1,1,2,2-Tetrachloroethane	0.5	U
1,1-Dichloroethane 0.5 U 1,1-Dichloroethene 0.5 U 1,2,3-Trichlorobenzene 0.5 U 1,2,4-Trichlorobenzene 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dibromoethane 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethane (cis) 0.5 U 1,2-Dichloroethene (trans) 0.5 U 1,2-Dichloroptopane 0.5 U 1,2-Dichloroptopane 0.5 U 1,2-Dichloroptopane 0.5 U 1,3-Dichlorobenzene 0.5 U 1,4-Dichlorobenzene 0.5 U 2-Butanone 5 U 2-Hexanone 5 U 4-Methyl-2-pentanone 5 U Acetone 2.5 B Benzene 0.5 U Bromochloromethane 0.5 U Bromoform 0.5 U Bromoform 0.5 U Bromoform 0.5 U Carbon Disulfide 0.5 U Carbon Tetrachloride 0.5 U Chlorobenzene 0.5 U Chloroform 0.5 U<	1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	Ų
1,1-Dichloroethene 0.5 U 1,2,3-Trichlorobenzene 0.5 U 1,2,4-Trichlorobenzene 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethene (cis) 0.5 U 1,2-Dichloroethene (trans) 0.5 U 1,2-Dichloropropane 0.5 U 1,2-Dichlorobenzene 0.5 U 2-Butanone 5 U 2-Butanone 5 U 2-Butanone 5 U 2-Hexanone 5 U 4-Methyl-2-pentanone 5 U Benzene 0.5 U Bromochloromethane 0.5 U			
1,2,3-Trichlorobenzene 0.5 U 1,2,4-Trichlorobenzene 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dibromo-chloropropane 0.5 U 1,2-Dichlorobenzene 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethene (cis) 0.5 U 1,2-Dichloropropane 0.5 U 1,2-Dichlorobenzene 0.5 U 1,2-Dichlorobenzene 0.5 U 1,3-Dichlorobenzene 0.5 U 1,4-Dichlorobenzene 0.5 U 2-Butanone 5 U 2-Butanone 5 U 2-Hexanone 5 U 4-Methyl-2-pentanone 5 U Acetone 2.5 B Benzene 0.5 U Bromochloromethane 0.5 U Bromoform 0.5 U Bromoform 0.5 U Bromomethane 0.5 U Carbon Tetrachloride 0.5 U Chlorobenzene 0.5 U Chloroform 0.5 U Chloromethane 0.5 U Chloropenthane 0.5 U <td>1,1-Dichloroethane</td> <td>0.5</td> <td>U</td>	1,1-Dichloroethane	0.5	U
1,2,4-Trichlorobenzene 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dichlorobenzene 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethene (cis) 0.5 U 1,2-Dichloropethene (trans) 0.5 U 1,2-Dichloropenpane 0.5 U 1,2-Dichlorobenzene 0.5 U 1,3-Dichlorobenzene 0.5 U 1,3-Dichlorobenzene 5 U 2-Hexanone 5 U 4-Methyl-2-pentanone 5 U Acetone 2.5 B Benzene 0.5 U Bromochloromethane 0.5 U Bromodichloromethane 0.5 U Bromoform 0.5 U Bromomethane 0.5 U Carbon Tetrachloride 0.5 U Chlorobenzene 0.5 U Chlorobenzene 0.5 U Chloromethane 0.5 U Chloromethane 0.5 U Chloroform 0.5 U Chloromethane 0.5 U Cis-1,3-Dichloropropene	1,1-Dichloroethene	0.5	U
1,2-Dibromo-3-chloropropane 0.5 U 1,2-Dibromoethane 0.5 U 1,2-Dibromoethane 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethane (cis) 0.5 U 1,2-Dichloroethane (trans) 0.5 U 1,2-Dichloroethane (trans) 0.5 U 1,2-Dichloropropane 0.5 U 1,2-Dichloropropane 0.5 U 1,2-Dichlorobenzene 0.5 U 1,2-Dichloropropene 0.5 U 1,2-Dichloropropene		0.5	U
1,2-Dibromoethane 0.5 U 1,2-Dichlorobenzene 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethene (cis) 0.5 U 1,2-Dichloroethene (trans) 0.5 U 1,2-Dichloropropane 0.5 U 1,2-Dichloropropane 0.5 U 1,3-Dichlorobenzene 0.5 U 1,4-Dichlorobenzene 0.5 U 2-Butanone 5 U 2-Hexanone 5 U 4-Methyl-2-pentanone 5 U Acetone 2.5 B Benzene 0.5 U Bromochloromethane 0.5 U Bromoform 0.5 U Bromoform 0.5 U Bromoform 0.5 U Carbon Disulfide 0.5 U Carbon Tetrachloride 0.5 U Chlorobenzene 0.5 U Chloroform 0.5 U Chloroform 0.5 U Chloromethane 0.5 U Chloromethane 0.5 U Chloromethane 0.5 U Chloromethane 0.5 U Dichlorod		. 0.5	U
1,2-Dichlorobenzene 0.5 U 1,2-Dichloroethane 0.5 U 1,2-Dichloroethene (cis) 0.5 U 1,2-Dichloroethene (trans) 0.5 U 1,2-Dichlorobenzene 0.5 U 1,2-Dichlorobenzene 0.5 U 1,3-Dichlorobenzene 0.5 U 2-Butanone 5 U 2-Hexanone 5 U 2-Hexanone 5 U 4-Methyl-2-pentanone 5 U Acetone 2.5 B Benzene 0.5 U Bromochloromethane 0.5 U Bromochloromethane 0.5 U Bromoform 0.5 U Bromomethane 0.5 U Carbon Disulfide 0.5 U Carbon Tetrachloride 0.5 U Chlorobenzene 0.5 U Chloroform 0.5 U Chloroform 0.5 U Chloroform 0.5 U Chloromethane 0.5 U Cis-1,3-Dichloropropene 0.5 U Cyclohexane 0.5 U Dibromochloromethane 0.5 U	1,2-Dibromo-3-chloropropane	0.5	U'
1,2-Dichloroethane 0.5 U 1,2-Dichloroethene (cis) 0.5 U 1,2-Dichloroethene (trans) 0.5 U 1,2-Dichloropropane 0.5 U 1,2-Dichlorobenzene 0.5 U 1,3-Dichlorobenzene 0.5 U 2-Butanone 5 U 2-Hexanone 5 U 4-Methyl-2-pentanone 5 U Acetone 2.5 B Benzene 0.5 U Bromochloromethane 0.5 U Bromoform 0.5 U Bromoform 0.5 U Bromomethane 0.5 U Carbon Disulfide 0.5 U Carbon Tetrachloride 0.5 U Chlorobenzene 0.5 U Chlorobenzene 0.5 U Chloroform 0.5 U Chloromethane 0.5 U Cis-1,3-Dichloropropene 0.5 U Cyclohexane 0.5 U Dibromochloromethane 0.5 U Uchlorodifluoromethane 0.5 U Usopropylbenzene 0.5 U Ethylbenzene 0.5 U		0.5	U
1,2-Dichloroethene (cis) 0.5 U 1,2-Dichloroethene (trans) 0.5 U 1,2-Dichloropropane 0.5 U 1,3-Dichlorobenzene 0.5 U 1,3-Dichlorobenzene 0.5 U 1,4-Dichlorobenzene 5 U 2-Butanone 5 U 2-Hexanone 5 U 4-Methyl-2-pentanone 2.5 B Benzene 0.5 U Bromochloromethane 0.5 U Bromodichloromethane 0.5 U Bromodichloromethane 0.5 U Bromomethane 0.5 U Carbon Disulfide 0.5 U Carbon Tetrachloride 0.5 U Chlorobenzene 0.5 U Chlorobenzene 0.5 U Chloromethane 0.5 U Chloromethane 0.5 U Cis-1,3-Dichloropropene 0.5 U Cyclohexane 0.5 U Dichlorodifluoromethane 0.5 U Dichlorodifluoromethane 0.5 U Ethylbenzene 0.5 U Methyl Acetate 0.5 U Methyl Acetate		0.5	U
1,2-Dichloroethene (trans) 0.5 U 1,2-Dichloropropane 0.5 U 1,3-Dichlorobenzene 0.5 U 1,4-Dichlorobenzene 0.5 U 2-Butanone 5 U 2-Hexanone 5 U 4-Methyl-2-pentanone 5 U Acetone 2.5 B Benzene 0.5 U Bromochloromethane 0.5 U Bromodichloromethane 0.5 U Bromoform 0.5 U Bromomethane 0.5 U Carbon Disulfide 0.5 U Carbon Tetrachloride 0.5 U Chlorobenzene 0.5 U Chloroform 0.5 U Chloroform 0.5 U Chloromethane 0.5 U Chloromethane 0.5 U Cis-1,3-Dichloropropene 0.5 U Cyclohexane 0.5 U Dichlorodifluoromethane 0.5 U Dichlorodifluoromethane 0.5 U Dichlorodifluoromethane 0.5 U Methyl Acetate 0.5 U Methyl Acetate 0.5 U		0.5	U
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1,4-Dichlorobenzene 0.5 U 2-Butanone 5 U 2-Hexanone 5 U 4-Methyl-2-pentanone 5 U Acetone 2.5 B Benzene 0.5 U Bromochloromethane 0.5 U Bromodichloromethane 0.5 U Bromodichloromethane 0.5 U Bromomethane 0.5 U Carbon Disulfide 0.5 U Carbon Tetrachloride 0.5 U Chlorobenzene 0.5 U Chlorobenzene 0.5 U Chloromethane 0.5 U Cis-1,3-Dichloropropene 0.5 U Cyclohexane 0.5 U Dichlorodifluoromethane 0.5 U Dichlorodifluoromethane 0.5 U Ethylbenzene 0.5 U Methyl Acetate 0.5 U Methyl Acetate 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Totloroethene 0.5 U Trichlorofluoromethane 0.5 U		0.5	Ū
2-Butanone 5 U 2-Hexanone 5 U 4-Methyl-2-pentanone 5 U Acetone 2.5 B Benzene 0.5 U Bromochloromethane 0.5 U Bromodichloromethane 0.5 U Bromoform 0.5 U Bromomethane 0.5 U Carbon Disulfide 0.5 U Carbon Tetrachloride 0.5 U Chlorobenzene 0.5 U Chlorobenzene 0.5 U Chloroform 0.5 U Chloromethane 0.5 U Cis-1,3-Dichloropropene 0.5 U Cyclohexane 0.5 U Dibromochloromethane 0.5 U Dichlorodifluoromethane 0.5 U Dichlorodifluoromethane 0.5 U Methyl Acetate 0.5 U Methyl Acetate 0.5 U Methyl Acetate 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U Trichloroethene <td>1,3-Dichlorobenzene</td> <td>0.5</td> <td>U</td>	1,3-Dichlorobenzene	0.5	U
2-Hexanone 5 U 4-Methyl-2-pentanone 5 U Acetone 25 B Benzene 0.5 U Bromochloromethane 0.5 U Bromodichloromethane 0.5 U Bromoform 0.5 U Bromomethane 0.5 U Carbon Disulfide 0.5 U Carbon Disulfide 0.5 U Chlorobenzene 0.5 U Chlorotethane 0.5 U Chloroform 0.5 U Chloromethane 0.5 U Cis-1,3-Dichloropropene 0.5 U Cyclohexane 0.5 U Dichlorodifluoromethane 0.5 U Ethylbenzene 0.5 U Isopropylbenzene 0.5 U Methyl Acetate 0.5 U Methyl Tert-butyl Ether 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U Trichloroethene 0.5 U Trichlorofluoromethane 0.37 J	1,4-Dichlorobenzene	. 0.5	U
4-Methyl-2-pentanone 5 U Acetone 2.5 B Benzene 0.5 U Bromochloromethane 0.5 U Bromochloromethane 0.5 U Bromoform 0.5 U Bromomethane 0.5 U Carbon Disulfide 0.5 U Carbon Tetrachloride 0.5 U Chlorobenzene 0.5 U Chlorothane 0.5 U Chloroform 0.5 U Chloromethane 0.5 U Cyclohexane 0.5 U Oyclohexane 0.5 U Dibromochloromethane 0.5 U Ethylbenzene 0.5 U Isopropylbenzene 0.5 U Methyl Acetate 0.5 U Methyl Tert-butyl Ether 0.5 U Methylene Chloride 0.3 U Styrene 0.5 U Tetrachloroethene 0.5 U Tolluene 0.5 U Trichloroethene 0.5 U Trichlorofluoromethane 0.5 U		. 5	U
Acetone	2-Hexanone	5	U
Benzene 0.5 U Bromochloromethane 0.5 U Bromodichloromethane 0.5 U Bromoform 0.5 U Bromomethane 0.5 U Carbon Disulfide 0.5 U Carbon Tetrachloride 0.5 U Chlorobenzene 0.5 U Chlorostane 0.5 U Chloroform 0.5 U Chloromethane 0.5 U Cyclohexane 0.5 U Cyclohexane 0.5 U Dibromochloromethane 0.5 U Dichlorodifluoromethane 0.5 U Ethylbenzene 0.5 U Methyl Acetate 0.5 U Methyl Acetate 0.5 U Methyl Tert-butyl Ether 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U Trichloroethene 0.5 U Trichlorofluoromethane 0.37 U	4-Methyl-2-pentanone	. 5	U
Bromochloromethane	Acetone	2.5	В
Bromodichloromethane	Benzene	0.5	U
Bromoform	Bromochloromethane	0.5	U
Bromomethane			
Carbon Disulfide 0.5 U Carbon Tetrachloride 0.5 U Chlorobenzene 0.5 U Chlorobenzene 0.5 U Chloroform 0.5 U Chlorofferm 0.5 U Chloromethane 0.5 U Cis-1,3-Dichloropropene 0.5 U Cyclohexane 0.5 U Dibromochloromethane 0.5 U Dichlorodifluoromethane 0.5 U Ethylbenzene 0.5 U Isopropylbenzene 0.5 U Methyl Acetate 0.5 U Methyl Tert-butyl Ether 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U Trichloroethene 0.5 U Trichloroethene 0.5 U Trichlorofluoromethane 0.37 J	Bromoform		
Carbon Tetrachloride 0.5 U Chlorobenzene 0.5 U Chloroethane 0.5 U Chloroform 0.5 U Chloromethane 0.5 U Cis-1,3-Dichloropropene 0.5 U Cyclohexane 0.5 U Dichlorodifluoromethane 0.5 U Ethylbenzene 0.5 U Isopropylbenzene 0.5 U Methyl Acetate 0.5 U Methyl Tert-butyl Ether 0.5 U Methylcyclohexane 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U Trichloroethene 0.5 U Trichloroethene 0.5 U Trichlorofluoromethane 0.37 J			
Chloroebenzene 0.5 U Chloroethane 0.5 U Chloroform 0.5 U Chloromethane 0.5 U cis-1,3-Dichloropropene 0.5 U Cyclohexane 0.5 U Dibromochloromethane 0.5 U Ethylbenzene 0.5 U Isopropylbenzene 0.5 U Methyl Acetate 0.5 U Methyl Tert-butyl Ether 0.5 U Methylcyclohexane 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U Trichloroethene 0.5 U Trichlorofluoromethane 0.37 J	Carbon Disulfide	0.5	Ü
Chloroethane	Carbon Tetrachloride	0.5	U
Chloroform 0.5 U Chloromethane 0.5 U cis-1,3-Dichloropropene 0.5 U Cyclohexane 0.5 U Dibromochloromethane 0.5 U Dichlorodifluoromethane 0.5 U Ethylbenzene 0.5 U Isopropylbenzene 0.5 U Methyl Acetate 0.5 U Methyl Tert-butyl Ether 0.5 U Methylcyclohexane 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U trans-1,3-Dichloropropene 0.5 U Trichloroethene 0.5 U Trichlorofluoromethane 0.37 U	Chiorobenzene	0.5	U
Chloromethane 0.5 U cis-1,3-Dichloropropene 0.5 U Cyclohexane 0.5 U Dibromochloromethane 0.5 U Dichlorodifluoromethane 0.5 U Ethylbenzene 0.5 U Isopropylbenzene 0.5 U Methyl Acetate 0.5 U Methyl Tert-butyl Ether 0.5 U Methylcyclohexane 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U Trichloroethene 0.5 U Trichloroethene 0.5 U Trichloroethene 0.5 U Trichlorofluoromethane 0.37 J	Chloroethane	0.5	U
cis-1,3-Dichloropropene 0.5 U Cyclohexane 0.5 U Dichlorodifluoromethane 0.5 U Dichlorodifluoromethane 0.5 U Ethylbenzene 0.5 U Isopropylbenzene 0.5 U Methyl Acetate 0.5 U Methyl Tert-butyl Ether 0.5 U Methylcyclohexane 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U trans-1,3-Dichloropropene 0.5 U Trichloroethene 0.5 U Trichloroethene 0.5 U Trichloroethone 0.5 U Trichloroethone 0.5 U	Chloroform	0.5	U
Cyclohexane 0.5 U Dibromochloromethane 0.5 U Dichlorodifluoromethane 0.5 U Ethylbenzene 0.5 U Isopropylbenzene 0.5 U Methyl Acetate 0.5 U Methyl Tert-butyl Ether 0.5 U Methylcyclohexane 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U trans-1,3-Dichloropropene 0.5 U Trichloroethene 0.5 U Trichloroethene 0.5 U Trichloroethene 0.5 U Trichlorofluoromethane 0.37 J		0.5	U
Cyclohexane 0.5 U Dibromochloromethane 0.5 U Dichlorodifluoromethane 0.5 U Ethylbenzene 0.5 U Isopropylbenzene 0.5 U Methyl Acetate 0.5 U Methyl Tert-butyl Ether 0.5 U Methylcyclohexane 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U trans-1,3-Dichloropropene 0.5 U Trichloroethene 0.5 U Trichloroethene 0.5 U Trichloroethene 0.5 U Trichlorofluoromethane 0.37 J	cis-1,3-Dichloropropene	0.5	U
Dichlorodifluoromethane 0.5 UJ Ethylbenzene 0.5 U Isopropylbenzene 0.5 U Methyl Acetate 0.5 U Methyl Tert-butyl Ether 0.5 U Methylcyclohexane 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U trans-1,3-Dichloropropene 0.5 U Trichloroethene 0.5 U Trichloroethene 0.5 U Trichloroethene 0.5 U Trichlorofluoromethane 0.37 J		0.5	U
Ethylbenzene 0.5 U Isopropylbenzene 0.5 U Methyl Acetate 0.5 U Methyl Tert-butyl Ether 0.5 U Methylcyclohexane 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U Trichloroethene 0.5 U Trichloroethene 0.5 U Trichloroethene 0.5 U Trichloroethene 0.5 U Trichloroffuoromethane 0.37 J		0.5	U
Ethylbenzene 0.5 U Isopropylbenzene 0.5 U Methyl Acetate 0.5 U Methyl Tert-butyl Ether 0.5 U Methylcyclohexane 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U Trichloroethene 0.5 U Trichloroethene 0.5 U Trichloroethene 0.5 U Trichloroethene 0.5 U Trichloroffuoromethane 0.37 J		0.5	UJ
Methyl Acetate 0.5 U Methyl Tert-butyl Ether 0.5 U Methylcyclohexane 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U trans-1,3-Dichloropropene 0.5 U Trichloroethene 0.5 U Trichlorofluoromethane 0.37 J			
Methyl Tert-butyl Ether 0.5 U Methylcyclohexane 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U trans-1,3-Dichloropropene 0.5 U Trichloroethene 0.5 U Trichlorofluoromethane 0.37 J	Isopropylbenzene ,	0.5	U
Methyl Tert-butyl Ether 0.5 U Methylcyclohexane 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U trans-1,3-Dichloropropene 0.5 U Trichloroethene 0.5 U Trichlorofluoromethane 0.37 J	Methyl Acetate		
Methylcyclohexane 0.5 U Methylene Chloride 0.34 B Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U trans-1,3-Dichloropropene 0.5 U Trichloroethene 0.5 U Trichloroffuoromethane 0.37 J		- 0.5	U
Styrene 0.5 U Tetrachloroethene 0.5 U Toluene 0.5 U trans-1,3-Dichloropropene 0.5 U Trichloroethene 0.5 U Trichlorofluoromethane 0.37 J			
Tetrachloroethene	Methylene Chloride	0.34	8
Toluene			
trans-1,3-Dichloropropene 0.5 U Trichloroethene 0.5 U Trichloroffluoromethane 0.37 J	Tetrachloroethene		
trans-1,3-Dichloropropene 0.5 U Trichloroethene 0.5 U Trichlorofluoromethane 0.37 J		0.5	U
Trichloroethene 0.5 U Trichlorofluoromethane 0.37 J	trans-1,3-Dichloropropene		
Trichlorofluoromethane 0.37 J			
1 1 0.010	Vinyl Chloride		
Xylene (Total) 0.5 U			

GLOSSARY OF DATA QUALIFIERS

CODES RELATED TO IDENTIFICATION

(confidence concerning presence or absence of compounds)

U = Not detected. The associated number indicates approximate sample concentration necessary to be detected.

NO CODE = Confirmed identification

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unusable results. Analyte may or may not be present in the sample. Supporting data necessary to confirm.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

CODES RELATED TO QUANTITATION

(can be used for both positive results and sample quantitation limits)

J = Analyte present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.

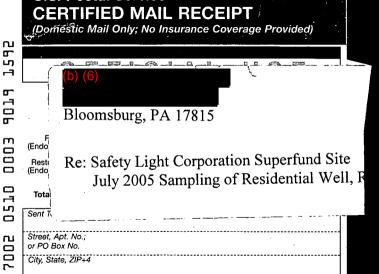
UJ = not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

OTHER CODES

NJ = Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

Q = No analytical result.



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A unique identifier for your mailpiece □ A-signature upon delivery

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ditional fee, a Return Receipt may be requested to provide proof of. o obtain Return Receipt service, please complete and attach a Return 'S Form 3811) to the article and add applicable postage to cover the se mailpiece "Return Receipt Requested". To receive a fee waiver for return receipt, a USPS postmark on your Certified Mail receipt is .W-10

additional fee, delivery may be restricted to the addressee or e's authorized agent. Advise the clerk or mark the mailpiece with the ment "Restricted Delivery". If a postmark on the Certified Mail receipt is desired, please present the arti-

cle at the post office for postmarking. If a postmark on the Certified Mail. receipt is not needed, detach and affix label with postage and mail.

IMPORTANT: Save this receipt and present it when making an inquiry. 102595-02-M-0452 PS Form 3800, January 2001 (Reverse)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION III 1650 Arch Street

Philadelphia, Pennsylvania 19103-2029

October 31, 2005

CERTIFIED MAIL RETURN RECEIPT REQUESTED

(b) (6) Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site
July 2005 Sampling of Residential Well, RW-10

Dear (b) (6)

The purpose of this letter is to provide you with the results from the sampling of your home well on July 19, 2005. The water from your well is safe for drinking and any other use.

The water from your home was analyzed for a large list of potential chemicals which included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, Polychlorinated Biphenyls (PCBs), metals, and radiological parameters. If there is a U in the last column, this means that the chemical was **not** detected. A table explaining the other qualifiers is attached.

EPA has compared your results with MCLs, which are the maximum contaminant levels allowed in a public water supply and the results have also been reviewed by an EPA toxicologist. EPA has determined that your results are below MCLs. In general, only low levels of sporadic metals were detected. However, concentrations are not high enough to present a health threat.

EPA intends to sample the water from your home again this November to take into account seasonal variations and its impact on the groundwater. If you have any questions about these results or other matters related to the Site, please call me at (215) 814-3195 or email me at dietz.linda@epa.gov. Thank you for your continued support during our sampling efforts.

Sincerely,

Linda Dietz

Remedial Project Manager

Eastern Pennsylvania Remedial Section

cc: Andy Frebowicz, TTNUS without enclosures

Sample ID:	RW10	1
Sample Date:	07/19/05	
Duplicate:	01118103	-
	 	┼
	RESULT	┢
TOTAL INORGANICS	ug/L	-
Antimony		U
Arsenic	0.28	
Barium	229	
Beryllium		UL
Cadmium		U
Chromium	0.074	
Cobalt	0.47	
Copper	33.2	
Lead	0.18	J
Manganese	183	
Mercury	.0.2	
Nickel	2.5	
Selenium		Ū
Silver		Ū
Thallium	1	Ū
Vanadium	0.063	В
Zinc	6.5	
Cyanide		UL
RADIOCHEMISTRY	pci/L	
Alpha	0.919	
Beta ·	2.54	
Am241	-0.0315	
Ba140	′10.7	U
Bi214	NA	
Co60	1.84	U
Cs137	2.39	U
1131	3.74	Ū
K40	20.5	U
Pb210	570	U
Pb212	NA	
Pb214	10.1	J
Ra226	60.8	U
Ra228(gamma)	13.1	U
Н3	370	
Ra228	0.0503	
Sr89	0.723	
Sr90	-0.341	
Th227	0.0221	
Th228	0.0254	
Th230	0.015	
Th232	0.00448	

DATA SUMMARY OF ANALYTICAL RESULTS BLOOMSBURG, PENNSYLVANIA

Sample ID:	RW10	
Sample Date:	07/19/05	L
Duplicate:		L
	RESULT	Ι
SEMIVOLATILES	ug/L	Ī
1,1'-Biphenyl	5	
1,2,4,5-Tetrachlorobenzene	5	
2,2'-Oxybis(1-chloropropane)	5	
2,4,5-Trichlorophenol	20	
2,4,6-Trichlorophenol	5	
2,4-Dichlorophenol	5	
2,4-Dimethylphenol	5	
2,4-Dinitrophenol	20	
2,4-Dinitrotoluene		
2,6-Dinitrotoluene	5	
	5	
2-Chloronaphthalene	5	
2-Chlorophenol	5	
2-Methylnaphthalene	5	
2-Methylphenol	5	
2-Nitroaniline	20	l
2-Nitrophenol	5	ι
3,3'-Dichlorobenzidine	. 5	ι
3-Nitroaniline	20	ι
4,6-Dinitro-2-methylphenol	20	
4-Bromophenyl Phenyl Ether	5	
4-Chloro-3-methylphenol	5	
4-Chloroaniline	5	_
4-Chlorophenyl Phenyl Ether	5	_
4-Methylphenol	5	
4-Nitroaniline	20	
4-Nitrophenol	20	
Acenaphthene		_
Acenaphthylene	5	
Acetophenone	5	
Anthracene	5	
Atrazine	5	Ų
Benz(a)anthracene	5	
Benzaldehyde	5	U
Benzo(a)pyrene	5	Ū
Benzo(b)fluoranthene	5	Ū
Benzo(g,h,i)perylene	- 5	U
Benzo(k)fluoranthene	.5	
Bis(2-chloroethoxy)methane	5	
Bis(2-ethylhexyl)phthalate	5	
Bis-(2-chloroethyl) Ether	,5	
Butylbenzylphthalate	5	
Caprolactam	. 5	
Chrysene	5 1	
Di-n-butylphthalate		Ü
Di-n-octylphthalate		_
	5 (
Dibenz(a,h)anthracene	5 l	_
Dibenzofuran	5	
Diethylphthalate	5 l	
Dimethylphthalate	. 5 l	
luoranthene	5 l	
luorene	5 (
SEMIVOLATILES (Con't)	ug/L	_

b) (6) BLOOMSBURG, PENNSYLVANIA

Sample ID:	RW10	Ţ
Sample Date:	07/19/05	\vdash
Duplicate:	1	
		T
	RESULT	\vdash
Hexachlorobenzene		υ
Hexachlorobutadiene		Ū
Hexachlorocyclopentadiene		Ŭ
Hexachloroethane		U
Indeno(1,2,3-cd)pyrene		Ü
Isophorone		Ü
N-Nitroso-di-n-propylamine		U
N-Nitrosodiphenylamine (1)		U
Naphthalene		Ū
Nitrobenzene	5	
Pentachlorophenol		Ü
Phenanthrene	5	
Phenol	5	
Pyrene	5	
	ļ	<u> </u>
PESTICIDES/PCBS	ug/L	_
4,4'-DDD	0.02	11
4,4'-DDE	0.02	
4,4'-DDT	0.02	
Aldrin	0.02	
Alpha-BHC	0.01	
Alpha-Chlordane	0.01	_
Beta-BHC	0.01	
Delta-BHC	0.01	
Dieldrin	0.02	
Endosulfan I		Ü
Endosulfan II	0.02	
Endosulfan Sulfate	0.02	
Endrin	0.02	_
Endrin Aldehyde	0.02	
Endrin Ketone	0.02	
Gamma-BHC (Lindane)	0.01	_
Gamma-Chlordane	0.01	
Heptachlor	0,01	
Heptachlor Epoxide	f	Ŭ
Methoxychlor	0.1	
Toxaphene	1	
Aroclor-1016	0.2	
Aroclor-1221	0.4	_
Aroclor-1232	0.2	
Aroclor-1242	0.2	
Aroclor-1248	0.2	
Aroclor-1254	0.2	
Aroclor-1260	0.2	
		_

DATA SUMMARY OF ANALYTICAL RESULTS BLOOMSBURG, PENNSYLVANIA

Sample ID:	RW10	
Sample Date:	07/19/05	
Duplicate:		
	RESULT	L
VOLATILES	ug/L	
1,1,1-Trichloroethane	0.5	
1,1,2,2-Tetrachloroethane	0.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U
1,1,2-Trichloroethane	0.5	u
1,1-Dichloroethane	0.5	u
1,1-Dichloroethene	0.5	U
1,2,3-Trichlorobenzene	0.5	Ū
1,2,4-Trichlorobenzene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	Ü
1,2-Dibromoethane	0.5	
1,2-Dichlorobenzene	0.5	u
1,2-Dichloroethane	0.5	
1,2-Dichloroethene (cis)	0.5	
1,2-Dichloroethene (trans)	0.5	
1,2-Dichloropropane	0.5	
1,3-Dichlorobenzene	. 0.5	
1,4-Dichlorobenzene	0.5	
2-Butanone	5	
2-Hexanone	5	_
4-Methyl-2-pentanone	5	
Acetone		_
Benzene	2.8	
Bromochloromethane	0.5	
	0.5	
Bromodichloromethane	0.5	
Bromoform	0.5	
Bromomethane	0.5	
Carbon Disulfide	0.5	
Carbon Tetrachloride	0.5	_
Chlorobenzene	0.5	_
Chloroethane	0.5	
Chloroform	0.5	_
Chloromethane	0.5	
cis-1,3-Dichloropropene	0.5	_
Cyclohexane	0.5	
Dibromochloromethane	0.5	
Dichlorodifluoromethane	0.5	
Ethylbenzene	0.5	
sopropylbenzene	0.5	Ū
Methyl Acetate	0.5	Ũ
Methyl Tert-butyl Ether	0.5	Ú
Methylcyclohexane	0.5	
Methylene Chloride	. 0.4	В
Styrene	0.5	
Tetrachloroethene	0.5	<u> </u>
Toluene	0.5	
rans-1,3-Dichloropropene	0.5	
richloroethene	0.5	
Frichlorofluoromethane	0.5	
/inyl Chloride	0.5	
(ylene (Total)	0.5	

GLOSSARY OF DATA QUALIFIERS

CODES RELATED TO IDENTIFICATION

(confidence concerning presence or absence of compounds).

 $\mbox{U} = \mbox{Not detected}.$ The associated number indicates approximate sample concentration necessary to be detected.

NO CODE = Confirmed identification

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unusable results. Analyte may or may not be present in the sample. Supporting data necessary to confirm.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

CODES RELATED TO QUANTITATION

(can be used for both positive results and sample quantitation limits)

J = Analyte present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L = Analyte present. Reported value may be biased low. Actual value is expected to be higher

UJ = not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

OTHER CODES

NJ = Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

Q = No analytical result.

)	
	U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)
1615	(b) (6)
9019	Bloomsburg, PA 17815
0510 0003	Re: Safety Light Corporation Superfund Site July 2005 Sampling of Residential Well, R
7002	Street, Apt. No.; or PO Box No. City, State, ZIP+4
	PS Form 3800. January 2001 See Reverse for Instructions

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IMPORTANT: Save this receipt and present it when making an inquiry. 102595-02-M-0452 PS Form 3800, January 2001 (Reverse)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION III

1650 Arch Street Philadelphia, Pennsylvania 19103-2029

October 31, 2005

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

(b) (6)
Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site

July 2005 Sampling of Residential Well, RW-7

Dear (b) (6)

The purpose of this letter is to provide you with the results from the sampling of your home well on July 19, 2005. The water from your home is safe for drinking and any other use.

The water from your home was analyzed for a large list of potential chemicals which included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, Polychlorinated Biphenyls (PCBs), metals, and radiological parameters. If there is a U in the last column, this means that the chemical was **not** detected. A table explaining the other qualifiers is attached.

EPA has compared your results with MCLs, which are the maximum contaminant levels allowed in a public water supply and the results have also been reviewed by an EPA toxicologist. EPA has determined that your results are below MCLs. In general, only low levels of sporadic chemicals were detected. However, concentrations are not high enough to present a health threat.

EPA intends to sample the water from your home again this November to take into account seasonal variations and its impact on the groundwater. If you have any questions about these results or other matters related to the Site, please call me at (215) 814-3195 or email me at dietz.linda@epa.gov. Thank you for your continued support during our sampling efforts.

Sincerely,

Linda Dietz

Remedial Project Manager

Eastern Pennsylvania Remedial Section

Printed on 100% recycled/recyclable paper with 100% post-consumer fiber and process chlorine free.

Customer Service Hotline: 1-800-438-2474

Sample ID:	RW7	
Sample Date:	07/19/05	<u> </u>
Duplicate:		L
	RESULT	-
TOTAL INORGANICS	ug/L	+
Antimony	2	Ū
Arsenic	0.62	
Barium	212	
Beryllium		U
Cadmium		U
Chromium	0.079	
Cobalt	0.047	
Copper	5.4	
Lead	0.43	
Manganese	333	
Mercury	0.2	
Nickel	.0.72	
Selenium		IJ
Silver Thallium		U
		U
Vanadium	0.04	
Zinc	16.3	
Cyanide	10	UI
RADIOCHEMISTRY	pci/L	-
Alpha	1.5	Г
Beta	2.78	-
Am241	0.00544	
Ba140	10.3	
Bi214	NA	
Co60	1.77	U
Cs137	2.42	
I131	4.13	
K40	19.3	
Pb210	533	
Pb212	NA	
Pb214	NA NA	
Ra226	59.7	
Ra228(gamma)	13.4	
(30)	10.1	_
Н3	270	
Ra228	-0.466	
Sr89	0.202	
	0.393	
Sr90 .	-0.192	_
Th227	-0.00248	
Th228	0.0112	
Th230	0.0112	
Th232 -	0.00697	
	0.00097	-

DATA SUMMARY OF ANALYTICAL RESULTS [b] (6) E BLOOMSBURG, PENNSYLVANIA

Sample ID:	RW7	
Sample Date:	07/19/05	ì
Duplicate:		
	RESULT	
SEMIVOLATILES	ug/L	Г
1,1'-Biphenyl		U
1,2,4,5-Tetrachlorobenzene		Ū
2,2'-Oxybis(1-chloropropane)		Ū
2,4,5-Trichlorophenol	20	
2,4,6-Trichlorophenol		U
2,4-Dichlorophenol		U
2,4-Dimethylphenol		U
2,4-Dinitrophenol		
	20	
2,4-Dinitrotoluene		U
2,6-Dinitrotoluene		U
2-Chloronaphthalene		U
2-Chlorophenol		U
2-Methylnaphthalene	5	U
2-Methylphenol	5	U
2-Nitroaniline	20	U
2-Nitrophenol	5	u
3,3'-Dichlorobenzidine	5	
3-Nitroaniline	20	
4,6-Dinitro-2-methylphenol	20	
4-Bromophenyl Phenyl Ether	5	
4-Chloro-3-methylphenol		
	5	
4-Chloroaniline	5	-
4-Chlorophenyl Phenyl Ether	5	
4-Methylphenol	5	
4-Nitroaniline	20	
4-Nitrophenol	20	U
Acenaphthene	5	U
Acenaphthylene	5	U
Acetophenone	5	
Anthracene	5	Ü
Atrazine	5	
Benz(a)anthracene	5	
Benzaldehyde	5	
Benzo(a)pyrene	5	
Benzo(b)fluoranthene .		
	5	
Benzo(g,h,i)perylene	5	_
Benzo(k)fluoranthene	5	
Bis(2-chloroethoxy)methane	5	
Bis(2-ethylhexyl)phthalate	_ 5	U
Bis-(2-chloroethyl) Ether	5	Ü
Butylbenzylphthalate	5	Ũ
Caprolactam	5	U
Chrysene	5	
Di-n-butylphthalate	5	
Di-n-octylphthalate	5	
Dibenz(a,h)anthracene	5	
		_
Dibenzofuran	5	
Diethylphthalate	5	
Dimethylphthalate	5	
luoranthene	5	
luorene	5 (Ų
SEMIVOLATILES (Con't)	ug/L	_

DATA SUMMARY OF ANALYTICAL RESULTS (b) (6) E BLOWNSHIPS PENNSYLVANIA

Sample ID:	RW7	1
Sample Date:	07/19/05	
Duplicate:		+-
		 -
	RESULT	-
Hexachlorobenzene		U
Hexachlorobutadiene		Ü
Hexachlorocyclopentadiene		ŭ
Hexachloroethane		Ü
Indeno(1,2,3-cd)pyrene		Ū
Isophorone		Ü
N-Nitroso-di-n-propylamine		ŭ
N-Nitrosodiphenylamine (1)		Ü
Naphthalene		Ü
Nitrobenzene		Ü
Pentachlorophenol		U
Phenanthrene		Ü
Phenol		Ü
Pyrene	-5	
.,,,,,,,	- 3	-
PESTICIDES/PCBS	ug/L	
4,4'-DDD	0.02	11
4,4'-DDE	0.02	
4.4'-DDT	0.02	_
Aldrin	0.02	
Alpha-BHC	0.01	
Alpha-Chlordane	0.01	_
Beta-BHC		-
Delta-BHC	0.01	
Dieldrin	0.02	
Endosulfan I	0.02	
Endosulfan II	0.02	
Endosulfan Sulfate		
Endrin	0.02	
Endrin Aldehyde	0.02	
Endrin Ketone		
Gamma-BHC (Lindane)	0.02	
Gamma-Chlordane	0.01	
Heptachlor	0.01	_
Heptachlor Epoxide	0.01	
Methoxychlor	0.01	
Toxaphene	0.1	
Aroclor-1016	1	_
Aroclor-1016 Aroclor-1221	0.2	
Aroclor-1232	0.4	
Aroclor-1232 Aroclor-1242	0.2	
	0.2	
Aroclor-1248	0.2	_
Aroclor-1254	0.2	
Aroclor-1260	0.2	U_

DATA SUMMARY OF ANALYTICAL RESULTS BLOOMSBURG, PENNSYLVANIA

Sample ID:	RW7	Ī
Sample Date:	07/19/05	Γ
Duplicate:		Γ
	RESULT	
VOLATILES	ug/L	†
1,1,1-Trichloroethane	0.5	
1,1,2,2-Tetrachioroethane	0.5	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	
1,1,2-Trichloroethane	0.5	<u> </u>
1,1-Dichloroethane	0.5	
1,1-Dichloroethene	0.5	
1,2,3-Trichlorobenzene	0.5	
1,2,4-Trichlorobenzene	0.5	
1,2-Dibromo-3-chloropropane		
1,2-Dibromoethane	0.5	
1,2-Dictinoethane	0.5	
	0.5	
1,2-Dichloroethane	0.5	
1,2-Dichloroethene (cis)	0.5	
1,2-Dichloroethene (trans)	0.5	
1,2-Dichloropropane	0.5	
1,3-Dichlorobenzene	0.5	_
1,4-Dichlorobenzene	0.5	
2-Butanone	5	
2-Hexanone	5	U
4-Methyl-2-pentanone	5	Ü
Acetone	2.1	В
Benzene	0.5	U
Bromochloromethane	0.5	U
Bromodichloromethane	0.5	ΰ
Bromoform	0.5	U
Bromomethane	0.5	Ũ
Carbon Disulfide	0.5	
Carbon Tetrachloride	0.5	Ū
Chlorobenzene	0.5	ú
Chloroethane	0.5	
Chloroform	0.5	
Chloromethane	. 0.5	
cis-1,3-Dichloropropene	0.5	
Cyclohexane	0.5	
Dibromochloromethane .	0.5	
Dichlorodifluoromethane	0.5	
Ethylbenzene	0.5	
sopropylbenzene		
Methyl Acetate	0.5	
Methyl Tert-butyl Ether	0.5	
Methylcyclohexane	0.5	
	0.5	_
Methylene Chloride	0.34	
Styrene	0.5	
Tetrachloroethene	0.5	_
Toluene	0.5	
rans-1,3-Dichloropropene	0.5	
Trichloroethene	0.5	
Trichlorofluoromethane	0.5	
Vinyl Chloride	0.5	
(ylene (Total)	0.5	J

GLOSSARY OF DATA QUALIFIERS

CODES RELATED TO IDENTIFICATION

(confidence concerning presence or absence of compounds)

U = Not detected. The associated number indicates approximate sample concentration necessary to be detected.

NO CODE = Confirmed identification

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unusable results. Analyte may or may not be present in the sample. Supporting data necessary to confirm.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

CODES RELATED TO QUANTITATION

(can be used for both positive results and sample quantitation limits)

J = Analyte present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.

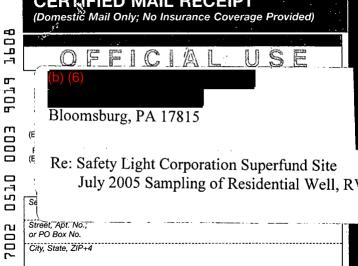
UJ = not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

OTHER CODES

NJ = Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

Q = No analytical result.



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te return receipt, a USPS postmark on your Certified Mail receipt is v-08 additional fee, delivery may be restricted to the addressee or e's authorized agent. Advise the clerk or mark the mailpiece with the ment "Restricted Delivery". mark on the Certified Mail receipt is desired, please present the arti-

2S Form 3811) to the article and add applicable postage to cover the rse mailpiece "Return Receipt Requested". To receive a fee waiver for

the post office for postmarking. If a postmark on the Certified Mail receipt is not needed, detach and affix label with postage and mail.

IMPORTANT: Save this receipt and present it when making an inquiry. 102595-02-M-0452 PS Form 3800, January 2001 (Reverse)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION III

1650 Arch Street Philadelphia, Pennsylvania 19103-2029

October 31, 2005

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

(b) (6)

Bloomsburg, PA 17815

Re:

Safety Light Corporation Superfund Site

July 2005 Sampling of Residential Well, RW-8

Dear (b) (6)

The purpose of this letter is to provide you with the results from the sampling of your home well on July 19, 2005. The water from your well is safe for drinking and any other use.

The water from your home was analyzed for a large list of potential chemicals which included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, Polychlorinated Biphenyls (PCBs), metals, and radiological parameters. If there is a U in the last column, this means that the chemical was **not** detected. A table explaining the other qualifiers is attached.

EPA has compared your results with MCLs, which are the maximum contaminant levels allowed in a public water supply and the results have also been reviewed by an EPA toxicologist. EPA has determined that your results are below MCLs. In general, only low levels of sporadic metals were detected. However, concentrations are not high enough to present a health threat.

EPA intends to sample the water from your home again this Summer to take into account seasonal variations and its impact on the groundwater. If you have any questions about these results or other matters related to the Site, please call me at (215) 814-3195 or email me at dietz.linda@epa.gov. Thank you for your continued support during our sampling efforts.

Sincerely,

Linda Dietz

Remedial Project Manager

Eastern Pennsylvania Remedial Section

_(b) (6

Sample ID:	RW8	
Sample Date:	07/19/05	
Duplicate:	1	1-
		+
	RESULT	1
TOTAL INORGANICS	ug/L	-
Antimony		U
Arsenic		+
Barium	0.41	
	225	
Beryllium		UL
Cadmium		U
Chromium	0.053	
Cobalt	0.047	В
Copper	0.92	
Lead	0.34	J
Manganese	214	
Mercury	0.2	UL
Nickel	0.43	J
Selenium		U
Silver		Ū
Thallium		U
Vanadium		U
Zinc	10	
Cyanide		
Cyanide	10	UL
DADIOOUEWOTOV		
RADIOCHEMISTRY	pci/L	<u>_</u>
Alpha	1.26	
Beta	0.667	_
		L.,
Am241 ⁻	-0.0178	L
Ba140	10.4	U
Bi214	NA	
Co60	2.01	U
Cs137	2.3	U
1131	4.07	
K40	15.3	
Pb210	548	
Pb212	NA	-
Pb214	NA NA	_
Ra226	56.2	11
Ra228(gamma)		
nazzo(ganina)	15	U
Н3		
Ins ·	320	
Ra228	-0.274	
Sr89	0.554	
Sr90	-0.284	
Th227	-0.00633	
Th228	-0.00592	
Th230	0.00949	_
Th232	0.00237	
	3.00231	



Sample ID:	RW8	
Sample Date:	07/19/05	
Duplicate:		Т
		Т
	RESULT	-
SEMIVOLATILES	ug/L	
1,1'-Biphenyl		U
1,2,4,5-Tetrachlorobenzene		Ū
2,2'-Oxybis(1-chloropropane)		Ū
2,4,5-Trichlorophenol	20	
2,4,6-Trichlorophenol		Ū
2,4-Dichlorophenol		U
2,4-Dimethylphenol		U
2,4-Dinitrophenol	20	
2,4-Dinitrotoluene		Ū
2,6-Dinitrotoluene		Ū
2-Chloronaphthalene		ŭ
2-Chlorophenol		ŭ
2-Methylnaphthalene		Ü
2-Methylphenol		U
2-Nitroaniline	20	
2-Nitrophenol	5	_
3,3'-Dichlorobenzidine	5	
3-Nitroaniline	20	
4,6-Dinitro-2-methylphenol	20	
4-Bromophenyl Phenyl Ether	5	
4-Chloro-3-methylphenol	5	_
4-Chloroaniline		
4-Chlorophenyl Phenyl Ether	5	
4-Methylphenol	5	
4-Nitroaniline	5	
	. 20	
4-Nitrophenol		U
Acenaphtheles	5	
Acetaphone	5	
Acetophenone Anthracene	5	
	5	
Atrazine	5	
Benz(a)anthracene	5	_
Benzaldehyde	5	
Benzo(a)pyrene	5	
Benzo(b)fluoranthene		<u>U</u> _
Benzo(g,h,i)perylene		<u>u</u>
Benzo(k)fluoranthene		U
Bis(2-chloroethoxy)methane	5	<u>U_</u>
Bis(2-ethylhexyl)phthalate		<u>J</u>
Bis-(2-chloroethyl) Ether		U
Butylbenzylphthalate	5	
Caprolactam	5	
Chrysene	5	
Di-n-butylphthalate	1.2	
Di-n-octylphthalate	5	Ú
Dibenz(a,h)anthracene	5	U
Dibenzofuran	5 1	
Diethylphthalate	5 1	Ū
Dimethylphthalate		Ū
Fluoranthene	5 (
Fluorene	5 (_
SEMIVOLATILES (Con't)	ug/L	
		_



Sample ID:	RW8	Т
Sample Date:	07/19/05	T
Duplicate:		
	RESULT	•
Hexachlorobenzene		Ü
Hexachlorobutadiene	5	U
Hexachlorocyclopentadiene		υ
Hexachloroethane		U
Indeno(1,2,3-cd)pyrene		Ū
Isophorone	. 5	U
N-Nitroso-di-n-propylamine		Ū
N-Nitrosodiphenylamine (1)		Ū
Naphthalene		Ū
Nitrobenzene		Ū
Pentachlorophenol		Ū
Phenanthrene		Ū
Phenol	_}	υ
Pyrene		Ū
	+ -	_
PESTICIDES/PCBS	ug/L	-
4.4'-DDD	0.02	11
4,4'-DDE	0.02	
4,4'-DDT	0.02	
Aldrin	0.01	-
Alpha-BHC	0.01	
Alpha-Chlordane	0.01	
Beta-BHC	0.01	
Delta-BHC	0.01	_
Dieldrin	0.02	
Endosulfan I	0.02	_
Endosulfan II	0.02	
Endosulfan Sulfate	0.02	
Endrin	0.02	
Endrin Aldehyde	0.02	
Endrin Ketone	0.02	
Gamma-BHC (Lindane)		
Gamma-Chlordane	0.01	
Heptachlor	0.01	
Heptachlor Epoxide	0.01	_
Methoxychlor	0.01	
Toxaphene	0.1	
Aroclor-1016		<u>U</u>
Aroclor-1221	0.2	_
Aroclor-1221	0.4	
Aroclor-1232 Aroclor-1242	0.2	
	0.2	
Aroclor-1248	0.2	
Aroclor-1254	0.2	
Aroclor-1260	0.2	U
L	1	



Sample ID:	RW8	Π
Sample Date:	07/19/05	
Duplicate:		
	RESULT	
VOLATILES	ug/L	
1,1,1-Trichloroethane	0.5	U
1,1,2,2-Tetrachloroethane	0.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U
1,1,2-Trichloroethane	0.5	U
1,1-Dichloroethane	0.5	
1,1-Dichloroethene	0.5	U
1,2,3-Trichlorobenzene	.0.5	υ
1,2,4-Trichlorobenzene	0.5	
1,2-Dibromo-3-chloropropane	0.5	
1,2-Dibromoethane	0.5	
1,2-Dichlorobenzene	0.5	
1,2-Dichloroethane	0.5	
1,2-Dichloroethene (cis)	0.5	
1,2-Dichloroethene (trans)	0.5	
1,2-Dichloropropane	0.5	
1,3-Dichlorobenzene	0.5	
1,4-Dichlorobenzene	0.5	
2-Butanone	5	
2-Hexanone	5	
4-Methyl-2-pentanone		_
Acetone	5	
Benzene	2.5	
Bromochloromethane	0.5	
Bromodichloromethane	0.5	
Bromoform	0.5	
	0.5	
Bromomethane Carbon Disulfide	0.5	
Carbon Tetrachloride	0.5	
	0.5	
Chlorobenzene	0.5	
Chloroethane Chloroform	0.5	
	0.5	
Chloromethane	0.5	
cis-1,3-Dichloropropene	0.5	
Cyclohexane	0.5	
Dibromochloromethane	0.5	
Dichlorodiffuoromethane	0.5 l	
Ethylbenzene	0.5 l	
Isopropylbenzene	0.5 (j
Methyl Acetate	0.5 l	
Methyl Tert-butyl Ether	0.5	
Methylcyclohexane	0.5 L	j
Methylene Chloride	0.33	
Styrene	0.5	J.
Tetrachloroethene	0.5	J
Toluene	0.5 (
trans-1,3-Dichloropropene	0.5 L	
Trichloroethene	0.5 L	
Trichlorofluoromethane	0.5 L	
Vinyl Chloride	0.5 L	_
Xylene (Total)	0.5 (
	0.0	_



Sample ID:	RW8	ī
Sample Date:	07/19/05	
Duplicate:		
		Ė
	RESULT	_
VOLATILES	ug/L	i —
1,1,1-Trichloroethane	0.5	
1,1,2,2-Tetrachloroethane	0.5	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	
1,1,2-Trichloroethane	0.5	
1,1-Dichloroethane	0.5	
1,1-Dichloroethene	0.5	
1,2,3-Trichlorobenzene	0.5	
1,2,4-Trichlorobenzene	0.5	
1,2-Dibromo-3-chloropropane		
1,2-Dibromoethane	0.5	
1,2-Dichlorobenzene	0.5	
	0.5	
1,2-Dichloroethane	0.5	
1,2-Dichloroethene (cis)	0.5	
1,2-Dichloroethene (trans)	0.5	
1,2-Dichloropropane	0.5	
1,3-Dichlorobenzene	0.5	
1,4-Dichlorobenzene	0.5	
2-Butanone	5	Ų_
2-Hexanone	5	U.
4-Methyl-2-pentanone	5	U
Acetone	2.5	В
Benzene	0.5	U
Bromochloromethane	0.5	U
Bromodichloromethane	0.5	U
Bromoform	0.5	
Bromomethane	0.5	U
Carbon Disulfide	0.5	Ū
Carbon Tetrachloride	0.5	U
Chlorobenzene	0.5	
Chloroethane	0.5	Ù
Chloroform	0.5	
Chloromethane	0.5	
cis-1,3-Dichloropropene	0.5	
Cyclohexane	0.5	
Dibromochloromethane	0.5	_
Dichlorodifluoromethane	0.5	
Ethylbenzene	0.5	
Isopropylbenzene	0.5	$\overline{}$
Methyl Acetate	0.5 (-
Methyl Tert-butyl Ether	0.51	-
Methylcyclohexane	0.5	
Methylene Chloride	0.5 (
Styrene	0.33	
Tetrachloroethene	0.5 L	
	0.5 L	
Toluene	0.5	
trans-1,3-Dichloropropene	0.5 L	
Trichloroethene	0.5 L	<u> </u>
Trichlorofluoromethane	0.5 L	
Vinyl Chloride	0.5 L	┚
Xylene (Total)	0.5	듸

GLOSSARY OF DATA QUALIFIERS

CODES RELATED TO IDENTIFICATION

(confidence concerning presence or absence of compounds)

 $\mbox{U} = \mbox{Not detected}.$ The associated number indicates approximate sample concentration necessary to be detected.

NO CODE = Confirmed identification

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unusable results. Analyte may or may not be present in the sample. Supporting data necessary to confirm.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

CODES RELATED TO QUANTITATION

(can be used for both positive results and sample quantitation limits)

J = Analyte present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.

UJ = not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

OTHER CODES

NJ = Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

Q = No analytical result.